

Medicare Hospital

INFORMATION

Report



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MEDICARE HOSPITAL INFORMATION

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Volume 15

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ILLINOIS

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U.S. Department of Health and Human Services

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## FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;
- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;
- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

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# INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

*Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.*

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

## DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.



## *Number Of Cases*

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category "All Causes." The eight medical condition and nine surgical procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

## *Observed Mortality Rate (OBS)*

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

### *Predicted Mortality Rate (PRED)*

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

### *Standard Deviation (SD)*

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes ("---") are placed in the SD column.

## **OBSERVED MORTALITY RATE AND PREDICTED RANGE FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

## **FY 1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

## **INFORMATION SOURCES AND NOTES**

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.



Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

### ***Hospitals In The Analysis***

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

### ***Data Sources***

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

### ***Possible Limitations Of The Data***

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be



missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

#### TYPE AND SOURCE OF ADMISSION FLIPPED

| <u>FI No.</u> | <u>FI Name</u>         | <u>Dates</u>        |
|---------------|------------------------|---------------------|
| 00030         | Arizona Blue Cross     | 10/01/86 — 12/31/88 |
| 00080         | Maryland Blue Cross/DC | 06/01/87 — 09/30/87 |
| 00190         | Maryland Blue Cross    | 06/22/87 — 12/31/88 |
| 00400         | Texas Blue Cross       | 12/07/87 — 12/31/88 |

## HOW TO USE THIS INFORMATION

There are several key points to remember about the use of this information. **First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.**

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

### *Use By Consumers — Some Key Questions*

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for "All Causes" consistently and significantly above the predicted rates for FY 1990?
- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?
- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?
- Does the hospital treat a large number of cases in the category for which I need treatment?
- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be “sicker” than average?

### *Other Users Of This Publication*

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

### *Outside Assistance In Developing This Publication*

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.



We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was “expired” when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.
- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.



*We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.*

## ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

## MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

$$\text{Calculation: } \frac{24,379}{2,513} = 9.7 \text{ days}$$

The Medicare average length of stay is 9.7 days.

## HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

### *AHA Definitions (except for CMI)*

**Survey and Year** — AHA 1990. Source is the American Hospital Association's 1990 Annual Survey of Hospital files.

### **Profile**

***Total beds (#)*** — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

***Occupancy rate (percent)*** — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

***Ownership/control*** — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

***Medicare discharges*** — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

***Case mix index (CMI)*** — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

## **Staffing (all AHA counts are as of 9/30/90)**

***Total number of physicians*** — Total active and associate medical staff.

***Percent of physicians who are board-certified specialists*** — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## **Specialty Services**

***Burn Unit*** — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

***Cardiac Intensive Care*** — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure,



open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

***Comprehensive Geriatric*** — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

***Hospice Care*** — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

***Medical/Surgical Intensive Care*** — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

***Organ/Tissue Transplant*** — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

***Other Intensive Care*** — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

***Trauma Center*** — Provides emergency and specialized intensive care to critically injured patients.



## Other Specialty/Hospital-Based Services

***Alcohol/Drug*** — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

***Rehabilitation*** — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

***Psychiatric*** — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

***Medicare Swing Beds*** — The hospital is certified by Medicare to provide “swing bed” services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

## *OSCAR Definitions (except for CMI)*

**Survey and Year** — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

## Profile

***Total beds (#)*** — Total number of operational beds eligible for Medicare payment.

***Ownership/control*** — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

***Case mix index (CMI)*** — See definition shown in AHA “Profile” section.

## Staffing

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## Specialty Services

**NOTE:** There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories “comprehensive geriatric” and “other intensive care” are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

**Coronary Care** — See definition shown in AHA “Specialty Services” section.

**Intensive Care Unit** — See definition shown in AHA “Specialty Services” section. These units may also include other intensive care units in OSCAR reporting.

**Organ Transplant** — See definition shown in AHA “Organ/Tissue Transplant” section. May include tissue transplants because there is not a separate field in OSCAR for these services.

# TECHNICAL INFORMATION

## DATA SOURCES

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospital stays in institutions (designated by a "9" in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with "special unit codes" of S, T, U and V, respectively, in the third position) were excluded.

## THE MORTALITY MODEL

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient's probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to

complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

## ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function,  $S(t)$ , is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function,  $h(t)$ , also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = - \frac{1}{S(t)} \frac{dS(t)}{dt} = - \frac{d \ln(S(t))}{dt}.$$

The probability density function,  $f(t)$ , commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for  $t$ . In some cases, the area under the survival curve is restricted to an interval  $0-t_1$  where  $t_1$  might be one year, for example.



The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \dots + \alpha_i x_i + \dots + \alpha_k x_k)$$

$$\gamma = \exp(\gamma_0 + \gamma_1 x_1 + \dots + \gamma_i x_i + \dots + \gamma_k x_k)$$

$$\delta = \exp(\delta_0 + \delta_1 x_1 + \dots + \delta_i x_i + \dots + \delta_k x_k)$$

are the expressions for each of the structural parameters  $\alpha$ ,  $\gamma$ , and  $\delta$  in terms of the  $k$  concomitant variables  $x_i$  and their associated component parameters  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  for  $i=1, 2, \dots, k$  and three intercepts or component parameters  $\alpha_0$ ,  $\gamma_0$ , and  $\delta_0$ . The structural parameter  $\delta$  is the long-term risk which is approached as  $t \rightarrow \infty$ . The structural parameter  $\alpha$  is the initial excess risk which decays with rate constant  $\gamma$ .

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk,  $\delta$ . The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta.$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ( $p < 0.05$ ) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  have been estimated, the predicted probability of patient death at any specified time after admission,  $1-S(t)$ , may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

## ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed,  $P$ , and predicted,  $\hat{\Theta}$ , mortality rates.

The residual has four components  $V_1$ ,  $V_2$ ,  $V_3$ , and  $V_4$  where  $V_1$  is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

$V_2$  is the binomial variance for  $n$  patients

$$V_2 = \frac{\hat{\Theta} (1 - \hat{\Theta})}{n}.$$

$V_3$  is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\text{Var}}(\hat{\Theta}) = \left(1 - \frac{1}{n}\right) \widehat{M_2}(\hat{\Theta})$$

where

$$\widehat{M_2(\Theta)} = \left\{ \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left( \frac{1}{z_p^2} \right)$$

The quantity  $z_p$  corresponds to the statistical significance (p-value) of the hospital-specific effect.

$V_4$  is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ (\text{Observed mortality}) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

## STANDARDIZED MORTALITY RATIO (SMR)

Another method of evaluating a hospital's performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital



with 300 cases in the "All Causes" category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

$$\text{SMR} = 12.2/10.0 = 1.22.$$

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the "All Causes" category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

$$\text{SMR} = 19.3/10.0 = 1.93.$$

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

## MEASURES OF UNCERTAINTY

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the statistical meaningfulness of the difference between the observed and the predicted mortality rates.



To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because  $22.9 \text{ percent} = 13.0 \text{ percent} + 1.98 \times 5.0 \text{ percent}$ , the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly,  $3.3 \text{ percent} = 13.0 \text{ percent} - 1.94 \times 5.0 \text{ percent}$ , the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.

## HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents  
Government Printing Office  
Washington, D.C. 20402  
Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration  
Bureau of Data Management and Strategy  
Office of Statistics and Data Management  
3-A-10 Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207  
Telephone: (410) 597-5151

**Table 1**

**DIAGNOSTIC AND PROCEDURE CATEGORIES**

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

**CONDITION/PROCEDURE**

**ICD-9-CM CODES**

*(D)=Diagnosis code*

*(P)=Procedure code*

**Heart Disorders/Procedures**

Acute Myocardial Infarction  
(AMI)

All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2)

*Note: For code 410 a 5th digit was added on October 1, 1989.*

Congestive Heart Failure  
(CHF)

398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)

Angioplasty  
(ANGPLSTY)

All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P)

*Note: Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.*

Coronary Artery Bypass Graft  
(CABG)

All of 36.1(P) and not Angioplasty (see above)

Pacemaker Insertion, Initial  
(PACE)

37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P)

*Note: Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.*

**CONDITION/PROCEDURE****ICD-9-CM CODES***(D)=Diagnosis code**(P)=Procedure code***Pulmonary Disorders**Pneumonia/Influenza  
(PNU)All of 480, all of 481, 482.2, 482.3,  
482.9, 483, 485, 486, 487.0 (all D)Chronic Obstructive Pulmonary  
(COPD)All of 491, all of 492, all of 494, Disease  
all of 496; and 466.0, 518.82, 518.5,  
and 786.09 when there is a secondary  
diagnosis of any 496 (all D)

*Note: Code 518.8 got a 5th digit on October 1, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*

**Cerebrovascular Disorders/Procedures**Transient Cerebral Ischemia  
(TCI)433.1, 433.3, 435 (D) and exclude those  
patients with an endarterectomy at the  
time of admission—38.12(P)Stroke  
(STK)

431, 434 through 434.9, 436 (all D)

Carotid Endarterectomy  
(ENDART)38.12 (P) with 433.1 (D); 433.3 (D) or  
435(D) as a principal diagnosis**Musculoskeletal Disorders/Procedures**Fracture of Neck of Femur  
(FXHIP)

All of 820 (D)

Hip Replacement/Revision  
(HIPREP)81.5, 81.6 (exclude 81.69) (all P). On  
10/1/89 code 81.51 (P) through 81.53  
(P) with same diagnoses.Open Reduction of Fractured Femur  
(OPRDUX)79.35(P) on condition of 820 (D) as  
principal diagnosis



**CONDITION/PROCEDURE****ICD-9-CM CODES***(D)=Diagnosis code**(P)=Procedure code***Genitourinary Disorders/Procedures**

Prostatectomy  
(PROS) 60.2, 60.3 through 60.69 (all P)

Hysterectomy  
(HYS) 68.3 through 68.7 (P)

**Gastrointestinal Disorders/Procedures**

Cholecystectomy  
(CHOLOTMY) 51.22 (P)

**Sepsis**

Sepsis 003.1, 020.2, 022.3, 036.2, 036.3,  
036.89, 036.9, 038.0, 038.1, 038.2,  
038.3, 038.40, 038.41, 038.42, 038.43,  
038.44, 038.49, 038.8, 038.9, 054.5

**Table 2**  
**COMORBIDITY CONDITIONS**  
(all are D codes)

| COMORBIDITY                    | ICD-9-CM CODES                                                                                   |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Cancer                         | 141-160.9, 162-172.9, 174-208.91                                                                 |
| Chronic cardiovascular disease | 412-414.9, 426-429.1                                                                             |
| Chronic liver disease          | 571-572.8                                                                                        |
| Chronic renal disease          | 582-583.9, 585-587, 403.01, 403.11,<br>403.91, 404.02, 404.03, 404.12, 404.13,<br>404.92, 404.93 |
| Chronic diabetes               | 250.01, 250.1-250.91                                                                             |
| Chronic pulmonary disease      | 491-493.91, 496                                                                                  |
| Cerebrovascular degeneration   | 290-290.9, 294-299.9                                                                             |

# Table 3

## EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

### Demographics

SXFM                      An indicator variable: = 1 if Female, 0 otherwise

AGEFM = AGESP if SXFM = 1, 0 otherwise

AGEML = AGESP if SXFM = 0, 0 otherwise

where

$$\text{AGESP} = \text{sign}(W-65) \left( \left| \frac{W-65}{65} \right| \right)^{1.44}$$

and

$$W = \begin{cases} 23 & \text{if AGE} \leq 23 \\ \text{AGE} & \text{if } 23 < \text{AGE} < 100 \\ 100 & \text{if } 100 \leq \text{AGE} \end{cases}$$

### Comorbidities

### ICD-9-CM Codes

(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)

|     |                                |                                                                                            |
|-----|--------------------------------|--------------------------------------------------------------------------------------------|
| CCA | Cancer                         | 141-160.9, 162-172.9, 174-208.91                                                           |
| CCV | Chronic cardiovascular disease | 412-414.9, 426-429.1                                                                       |
| CLV | Chronic liver disease          | 571-572.8                                                                                  |
| CRN | Chronic renal disease          | 582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93 |
| CDI | Chronic diabetes               | 250.01, 250.1-250.91                                                                       |
| COP | Chronic pulmonary disease      | 491-493.91, 496                                                                            |
| CCE | Cerebrovascular degeneration   | 290-290.9, 294-299.9                                                                       |

## Co Occurrence of Comorbidities

|         |                                       |
|---------|---------------------------------------|
| COP_CCV | 1 if COP = 1 and CCV = 1, 0 otherwise |
| CCA_CCV | 1 if CCA = 1 and CCV = 1, 0 otherwise |
| COP_CCA | 1 if COP = 1 and CCA = 1, 0 otherwise |
| CCE_CCV | 1 if CCE = 1 and CCV = 1, 0 otherwise |
| CRN_CCV | 1 if CRN = 1 and CCV = 1, 0 otherwise |

## Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

|       |                                                   |
|-------|---------------------------------------------------|
| PREF  | Patient referred by personal or HMO physician     |
| TRSNF | Patient transferred from skilled nursing facility |
| ELCT  | Patient admitted for elective procedure           |
| EMRG  | Patient admitted for emergency                    |

## Co-Occurrence of Admission Source and Type

PREF\_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

## Previous Hospitalizations

|         |                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------|
| P_RISK1 | Number at 1st risk level with 3 or more set to 3                                                            |
| P_RISK2 | Number at 2nd risk level with 3 or more set to 3                                                            |
| P_RISK3 | Number at 3rd risk level with 3 or more set to 3                                                            |
| P_RISK4 | Number at 4th risk level with 4 or more set to 4                                                            |
| P_RISK5 | Number at 5th risk level with 3 or more set to 3                                                            |
| F(T)    | Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise |

## Time Trend

|        |                                                                                   |
|--------|-----------------------------------------------------------------------------------|
| FLAG89 | 1 if discharge in FY1989, 0 otherwise                                             |
| FLAG90 | 1 if discharge in FY1990, 0 otherwise                                             |
| INYEAR | Difference between current admission date and April 1 of fiscal year of discharge |



TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1990

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |       |       |       |       | 90 DAYS |       |       |       |       | 180 DAYS |       |       |       |       |
|--------------------------|---------------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
|                          |                           | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%     | 25%   | 50%   | 75%   | 97.5% |
|                          |                           | -----   | ----- | ----- | ----- | ----- | -----   | ----- | ----- | ----- | ----- | -----    | ----- | ----- | ----- | ----- |
| OVERALL( < 750 CASES )   | 2645                      | 0.45    | 0.88  | 1.04  | 1.23  | 1.72  | 0.56    | 0.90  | 1.03  | 1.17  | 1.54  | 0.61     | 0.90  | 1.02  | 1.15  | 1.46  |
| OVERALL( >= 750 CASES)   | 2684                      | 0.73    | 0.91  | 0.99  | 1.09  | 1.35  | 0.79    | 0.94  | 1.01  | 1.09  | 1.28  | 0.82     | 0.94  | 1.01  | 1.08  | 1.24  |
| CONDITIONS               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| AMI                      | 1405                      | 0.54    | 0.80  | 0.95  | 1.11  | 1.42  | 0.62    | 0.86  | 0.99  | 1.14  | 1.44  | 0.63     | 0.86  | 0.99  | 1.13  | 1.39  |
| CHF                      | 2335                      | 0.43    | 0.79  | 0.98  | 1.17  | 1.64  | 0.60    | 0.85  | 0.99  | 1.13  | 1.49  | 0.66     | 0.89  | 1.00  | 1.13  | 1.41  |
| PNEUMONIA/INFLUENZA      | 2428                      | 0.41    | 0.78  | 0.97  | 1.18  | 1.68  | 0.53    | 0.84  | 1.00  | 1.17  | 1.55  | 0.57     | 0.86  | 1.01  | 1.16  | 1.50  |
| COPD                     | 435                       | 0.00    | 0.63  | 0.97  | 1.34  | 2.06  | 0.30    | 0.78  | 1.02  | 1.26  | 1.74  | 0.40     | 0.82  | 1.01  | 1.24  | 1.69  |
| TRANS. CEREBRAL ISCHEMIA | 404                       | 0.00    | 0.00  | 0.83  | 1.34  | 3.20  | 0.00    | 0.48  | 0.85  | 1.31  | 2.27  | 0.21     | 0.60  | 0.90  | 1.21  | 2.05  |
| STROKE                   | 1789                      | 0.53    | 0.79  | 0.95  | 1.13  | 1.56  | 0.61    | 0.84  | 0.98  | 1.13  | 1.47  | 0.65     | 0.87  | 0.99  | 1.12  | 1.42  |
| HIP FRACTURE             | 1199                      | 0.21    | 0.67  | 0.93  | 1.27  | 2.10  | 0.40    | 0.76  | 0.94  | 1.19  | 1.80  | 0.47     | 0.78  | 0.97  | 1.16  | 1.64  |
| SEPSIS                   | 254                       | 0.51    | 0.79  | 0.96  | 1.12  | 1.50  | 0.65    | 0.86  | 0.99  | 1.13  | 1.47  | 0.69     | 0.89  | 1.01  | 1.15  | 1.44  |
| PROCEDURES               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| ANGIOPLASTY              | 425                       | 0.00    | 0.49  | 0.89  | 1.33  | 2.66  | 0.00    | 0.60  | 0.93  | 1.36  | 2.34  | 0.00     | 0.63  | 0.97  | 1.34  | 2.14  |
| CABG                     | 556                       | 0.20    | 0.68  | 1.03  | 1.39  | 2.45  | 0.28    | 0.73  | 1.00  | 1.32  | 2.09  | 0.28     | 0.73  | 1.01  | 1.30  | 2.10  |
| PACEMAKER                | 112                       | 0.00    | 0.41  | 0.72  | 1.37  | 3.25  | 0.20    | 0.61  | 0.90  | 1.21  | 2.17  | 0.21     | 0.65  | 0.84  | 1.16  | 1.87  |
| CAROTID ENDARTERECTOMY   | 73                        | 0.00    | 0.00  | 0.85  | 1.33  | 2.90  | 0.00    | 0.14  | 0.74  | 1.28  | 2.43  | 0.00     | 0.42  | 0.86  | 1.38  | 2.86  |
| HIP REPLACEMENT          | 763                       | 0.00    | 0.53  | 0.94  | 1.44  | 2.77  | 0.19    | 0.67  | 0.96  | 1.31  | 2.12  | 0.26     | 0.71  | 0.94  | 1.26  | 1.91  |
| REDUCT. OF HIP FRACTURE  | 276                       | 0.00    | 0.56  | 0.86  | 1.22  | 2.05  | 0.31    | 0.68  | 0.92  | 1.19  | 1.76  | 0.38     | 0.77  | 0.96  | 1.12  | 1.58  |
| PROSTATECTOMY            | 1576                      | 0.00    | 0.00  | 0.73  | 1.57  | 3.56  | 0.00    | 0.49  | 0.91  | 1.40  | 2.63  | 0.00     | 0.57  | 0.92  | 1.29  | 2.21  |
| CHOLECYSTECTOMY          | 714                       | 0.00    | 0.49  | 0.95  | 1.54  | 2.68  | 0.00    | 0.62  | 0.93  | 1.37  | 2.22  | 0.22     | 0.67  | 0.98  | 1.27  | 1.93  |
| HYSTERECTOMY             | 113                       | 0.00    | 0.00  | 0.00  | 2.00  | 6.69  | 0.00    | 0.00  | 0.76  | 1.70  | 3.59  | 0.00     | 0.24  | 0.75  | 1.27  | 2.91  |

TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1989

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |       |       |       |       | 90 DAYS |       |       |       |       | 180 DAYS |       |       |       |       |
|--------------------------|---------------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
|                          |                           | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%     | 25%   | 50%   | 75%   | 97.5% |
|                          |                           | -----   | ----- | ----- | ----- | ----- | -----   | ----- | ----- | ----- | ----- | -----    | ----- | ----- | ----- | ----- |
| OVERALL( < 750 CASES )   | 2746                      | 0.50    | 0.87  | 1.04  | 1.23  | 1.73  | 0.58    | 0.89  | 1.03  | 1.17  | 1.54  | 0.61     | 0.89  | 1.01  | 1.14  | 1.44  |
| OVERALL( >= 750 CASES)   | 2669                      | 0.71    | 0.90  | 1.00  | 1.09  | 1.35  | 0.79    | 0.94  | 1.01  | 1.08  | 1.28  | 0.82     | 0.95  | 1.01  | 1.07  | 1.24  |
| CONDITIONS               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| AMI                      | 1412                      | 0.53    | 0.81  | 0.96  | 1.12  | 1.47  | 0.59    | 0.86  | 1.01  | 1.15  | 1.47  | 0.63     | 0.87  | 1.00  | 1.14  | 1.43  |
| CHF                      | 2293                      | 0.47    | 0.80  | 0.97  | 1.18  | 1.69  | 0.58    | 0.86  | 1.00  | 1.14  | 1.48  | 0.66     | 0.89  | 1.02  | 1.14  | 1.40  |
| PNEUMONIA/INFLUENZA      | 2179                      | 0.45    | 0.77  | 0.97  | 1.19  | 1.67  | 0.54    | 0.85  | 1.01  | 1.18  | 1.55  | 0.60     | 0.86  | 1.02  | 1.18  | 1.51  |
| COPD                     | 324                       | 0.21    | 0.68  | 0.99  | 1.32  | 2.13  | 0.44    | 0.78  | 1.04  | 1.27  | 1.91  | 0.49     | 0.84  | 1.04  | 1.24  | 1.66  |
| TRANS. CEREBRAL ISCHEMIA | 420                       | 0.00    | 0.00  | 0.79  | 1.41  | 3.26  | 0.00    | 0.46  | 0.88  | 1.33  | 2.36  | 0.18     | 0.60  | 0.92  | 1.25  | 1.97  |
| STROKE                   | 1728                      | 0.53    | 0.80  | 0.95  | 1.12  | 1.56  | 0.62    | 0.85  | 0.97  | 1.11  | 1.46  | 0.67     | 0.88  | 0.99  | 1.13  | 1.40  |
| HIP FRACTURE             | 1126                      | 0.24    | 0.67  | 0.95  | 1.30  | 2.04  | 0.39    | 0.75  | 0.98  | 1.21  | 1.71  | 0.46     | 0.78  | 0.97  | 1.18  | 1.59  |
| SEPSIS                   | 174                       | 0.52    | 0.79  | 0.94  | 1.10  | 1.52  | 0.63    | 0.88  | 1.02  | 1.15  | 1.46  | 0.68     | 0.93  | 1.05  | 1.16  | 1.43  |
| PROCEDURES               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| ANGIOPLASTY              | 370                       | 0.00    | 0.46  | 0.84  | 1.35  | 2.55  | 0.00    | 0.55  | 0.88  | 1.33  | 2.52  | 0.00     | 0.61  | 0.94  | 1.32  | 2.44  |
| CABG                     | 501                       | 0.21    | 0.65  | 1.00  | 1.47  | 2.57  | 0.23    | 0.69  | 1.00  | 1.33  | 2.29  | 0.32     | 0.74  | 1.01  | 1.33  | 2.21  |
| PACEMAKER                | 91                        | 0.00    | 0.52  | 0.74  | 1.12  | 2.31  | 0.00    | 0.56  | 0.83  | 1.15  | 2.14  | 0.20     | 0.68  | 0.81  | 1.16  | 1.87  |
| CAROTID ENDARTERECTOMY   | 55                        | 0.00    | 0.00  | 0.82  | 1.51  | 5.01  | 0.00    | 0.47  | 0.86  | 1.31  | 4.00  | 0.00     | 0.43  | 0.85  | 1.28  | 3.12  |
| HIP REPLACEMENT          | 686                       | 0.00    | 0.52  | 0.92  | 1.44  | 2.46  | 0.00    | 0.65  | 0.94  | 1.27  | 1.95  | 0.21     | 0.67  | 0.94  | 1.19  | 1.75  |
| REDUCT. OF HIP FRACTURE  | 246                       | 0.19    | 0.57  | 0.91  | 1.23  | 1.96  | 0.31    | 0.71  | 0.96  | 1.19  | 1.74  | 0.41     | 0.78  | 0.96  | 1.13  | 1.53  |
| PROSTATECTOMY            | 1570                      | 0.00    | 0.00  | 0.67  | 1.50  | 3.46  | 0.00    | 0.47  | 0.86  | 1.36  | 2.67  | 0.00     | 0.58  | 0.93  | 1.28  | 2.15  |
| CHOLECYSTECTOMY          | 680                       | 0.00    | 0.53  | 0.94  | 1.53  | 2.90  | 0.00    | 0.62  | 0.97  | 1.36  | 2.15  | 0.22     | 0.66  | 0.95  | 1.26  | 1.98  |
| HYSTERECTOMY             | 101                       | 0.00    | 0.00  | 0.00  | 1.80  | 5.44  | 0.00    | 0.00  | 0.78  | 1.60  | 4.21  | 0.00     | 0.00  | 0.91  | 1.38  | 2.99  |

TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1988

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |       |       |       |       | 90 DAYS |       |       |       |       | 180 DAYS |       |       |       |       |
|--------------------------|---------------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
|                          |                           | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%     | 25%   | 50%   | 75%   | 97.5% |
|                          |                           | -----   | ----- | ----- | ----- | ----- | -----   | ----- | ----- | ----- | ----- | -----    | ----- | ----- | ----- | ----- |
| OVERALL( < 750 CASES )   | 2838                      | 0.46    | 0.89  | 1.05  | 1.23  | 1.75  | 0.54    | 0.90  | 1.03  | 1.16  | 1.57  | 0.59     | 0.90  | 1.02  | 1.14  | 1.45  |
| OVERALL( >= 750 CASES)   | 2693                      | 0.73    | 0.90  | 1.00  | 1.10  | 1.35  | 0.79    | 0.94  | 1.01  | 1.09  | 1.27  | 0.82     | 0.95  | 1.01  | 1.08  | 1.24  |
| CONDITIONS               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| AMI                      | 1414                      | 0.56    | 0.82  | 0.96  | 1.12  | 1.41  | 0.63    | 0.87  | 1.01  | 1.14  | 1.42  | 0.65     | 0.89  | 1.00  | 1.13  | 1.39  |
| CHF                      | 2246                      | 0.45    | 0.79  | 0.97  | 1.18  | 1.61  | 0.60    | 0.86  | 1.00  | 1.14  | 1.43  | 0.68     | 0.90  | 1.02  | 1.13  | 1.37  |
| PNEUMONIA/INFLUENZA      | 2069                      | 0.44    | 0.79  | 0.97  | 1.17  | 1.68  | 0.57    | 0.85  | 1.01  | 1.17  | 1.59  | 0.61     | 0.87  | 1.01  | 1.16  | 1.53  |
| COPD                     | 310                       | 0.21    | 0.67  | 0.92  | 1.30  | 2.17  | 0.39    | 0.79  | 0.98  | 1.20  | 1.81  | 0.51     | 0.82  | 0.99  | 1.19  | 1.59  |
| TRANS. CEREBRAL ISCHEMIA | 495                       | 0.00    | 0.00  | 0.84  | 1.48  | 2.94  | 0.00    | 0.48  | 0.92  | 1.39  | 2.28  | 0.21     | 0.60  | 0.92  | 1.27  | 1.92  |
| STROKE                   | 1726                      | 0.51    | 0.79  | 0.95  | 1.12  | 1.56  | 0.60    | 0.84  | 0.98  | 1.13  | 1.44  | 0.64     | 0.88  | 1.00  | 1.13  | 1.42  |
| HIP FRACTURE             | 1119                      | 0.24    | 0.65  | 0.96  | 1.27  | 2.07  | 0.40    | 0.78  | 0.98  | 1.21  | 1.77  | 0.47     | 0.80  | 0.98  | 1.17  | 1.64  |
| SEPSIS                   | 133                       | 0.58    | 0.77  | 0.92  | 1.08  | 1.64  | 0.56    | 0.86  | 1.00  | 1.13  | 1.54  | 0.67     | 0.88  | 1.02  | 1.14  | 1.53  |
| PROCEDURES               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| ANGIOPLASTY              | 297                       | 0.00    | 0.50  | 0.87  | 1.35  | 2.60  | 0.00    | 0.59  | 0.91  | 1.34  | 2.50  | 0.00     | 0.65  | 0.95  | 1.31  | 2.25  |
| CABG                     | 478                       | 0.21    | 0.68  | 0.98  | 1.39  | 2.40  | 0.32    | 0.73  | 1.00  | 1.36  | 2.12  | 0.38     | 0.75  | 1.01  | 1.31  | 2.04  |
| PACEMAKER                | 83                        | 0.00    | 0.34  | 0.65  | 1.04  | 1.75  | 0.01    | 0.54  | 0.85  | 1.03  | 1.70  | 0.23     | 0.69  | 0.87  | 1.10  | 1.57  |
| CAROTID ENDARTERECTOMY   | 69                        | 0.00    | 0.00  | 0.60  | 1.23  | 3.30  | 0.00    | 0.33  | 0.62  | 1.09  | 2.50  | 0.00     | 0.44  | 0.68  | 1.16  | 1.87  |
| HIP REPLACEMENT          | 670                       | 0.00    | 0.49  | 0.95  | 1.40  | 2.65  | 0.00    | 0.66  | 1.01  | 1.31  | 2.15  | 0.24     | 0.70  | 0.96  | 1.24  | 1.87  |
| REDUCT. OF HIP FRACTURE  | 259                       | 0.00    | 0.61  | 0.91  | 1.26  | 2.16  | 0.38    | 0.74  | 0.96  | 1.21  | 1.94  | 0.44     | 0.77  | 0.96  | 1.16  | 1.79  |
| PROSTATECTOMY            | 1619                      | 0.00    | 0.00  | 0.78  | 1.53  | 3.69  | 0.00    | 0.54  | 0.92  | 1.39  | 2.57  | 0.00     | 0.61  | 0.93  | 1.30  | 2.21  |
| CHOLECYSTECTOMY          | 642                       | 0.00    | 0.50  | 0.96  | 1.44  | 3.04  | 0.00    | 0.61  | 0.96  | 1.36  | 2.26  | 0.25     | 0.66  | 0.96  | 1.27  | 2.01  |
| HYSTERECTOMY             | 90                        | 0.00    | 0.00  | 0.00  | 1.57  | 5.00  | 0.00    | 0.00  | 0.68  | 1.43  | 2.83  | 0.00     | 0.28  | 0.67  | 1.15  | 2.88  |

TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate)

| p | n    | 99% Prediction Interval |      |      |      |      | 95% Prediction Interval |      |      |      |      | 75% Prediction Interval |      |      |      |      |
|---|------|-------------------------|------|------|------|------|-------------------------|------|------|------|------|-------------------------|------|------|------|------|
|   |      | Factor for Upper Bound  |      |      |      |      | Factor for Upper Bound  |      |      |      |      | Factor for Upper Bound  |      |      |      |      |
|   |      | 1%                      | 5%   | 10%  | 20%  | 40%  | 1%                      | 5%   | 10%  | 20%  | 40%  | 1%                      | 5%   | 10%  | 20%  | 40%  |
|   | 25   | 2.95                    | 2.73 | 2.68 | 2.63 | 2.59 | 2.15                    | 2.04 | 2.01 | 1.99 | 1.97 | 1.17                    | 1.16 | 1.16 | 1.15 | 1.15 |
|   | 50   | 2.76                    | 2.65 | 2.63 | 2.60 | 2.58 | 2.05                    | 2.00 | 1.99 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 75   | 2.70                    | 2.63 | 2.61 | 2.59 | 2.58 | 2.02                    | 1.99 | 1.98 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 100  | 2.67                    | 2.61 | 2.60 | 2.59 | 2.58 | 2.01                    | 1.98 | 1.97 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 150  | 2.64                    | 2.60 | 2.59 | 2.59 | 2.58 | 1.99                    | 1.97 | 1.97 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 200  | 2.62                    | 2.60 | 2.59 | 2.58 | 2.58 | 1.98                    | 1.97 | 1.97 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 300  | 2.61                    | 2.59 | 2.58 | 2.58 | 2.58 | 1.98                    | 1.97 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 400  | 2.60                    | 2.59 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 500  | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 750  | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 1000 | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 2000 | 2.58                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 5000 | 2.58                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |

| p | n    | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       |
|---|------|------------------------|-------|-------|-------|-------|------------------------|-------|-------|-------|-------|------------------------|-------|-------|-------|-------|
|   |      | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       |
|   |      | 1%                     | 5%    | 10%   | 20%   | 40%   | 1%                     | 5%    | 10%   | 20%   | 40%   | 1%                     | 5%    | 10%   | 20%   | 40%   |
|   | 25   | -2.21                  | -2.42 | -2.48 | -2.52 | -2.56 | -1.77                  | -1.88 | -1.91 | -1.93 | -1.95 | -1.13                  | -1.14 | -1.14 | -1.15 | -1.15 |
|   | 50   | -2.39                  | -2.50 | -2.53 | -2.55 | -2.57 | -1.87                  | -1.92 | -1.93 | -1.95 | -1.96 | -1.14                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 75   | -2.45                  | -2.52 | -2.54 | -2.56 | -2.57 | -1.90                  | -1.93 | -1.94 | -1.95 | -1.96 | -1.14                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 100  | -2.48                  | -2.54 | -2.55 | -2.56 | -2.57 | -1.91                  | -1.94 | -1.95 | -1.95 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 150  | -2.51                  | -2.55 | -2.56 | -2.57 | -2.57 | -1.93                  | -1.95 | -1.95 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 200  | -2.53                  | -2.56 | -2.56 | -2.57 | -2.57 | -1.94                  | -1.95 | -1.95 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 300  | -2.54                  | -2.56 | -2.57 | -2.57 | -2.57 | -1.94                  | -1.95 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 400  | -2.55                  | -2.57 | -2.57 | -2.57 | -2.57 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 500  | -2.56                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 750  | -2.56                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 1000 | -2.57                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 2000 | -2.57                  | -2.57 | -2.57 | -2.58 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 5000 | -2.57                  | -2.58 | -2.58 | -2.58 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |



# **Medicare Hospital Information**

# ABRAHAM LINCOLN MEMORIAL HOSPITAL

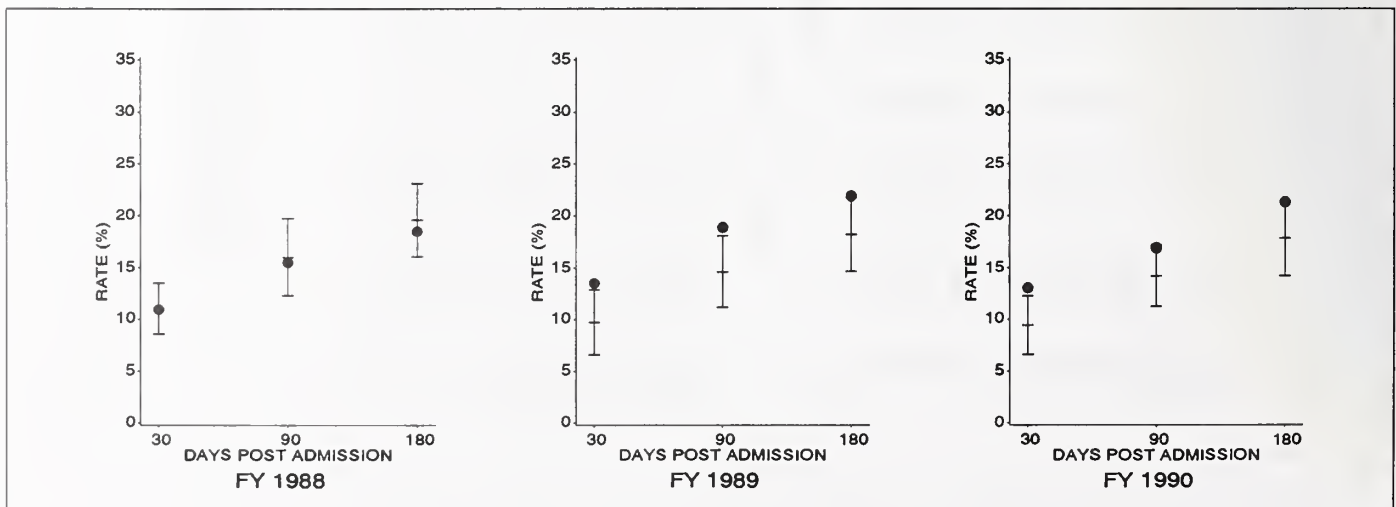
315 8TH ST  
LINCOLN, IL 62656  
Medicare Provider Number: 140004

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 717             | 13.0                | 9.4  | 1.4   | 16.9    | 14.2 | 1.5   | 21.3     | 17.8 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 12              | 25.0                | 23.5 | ----- | 33.3    | 26.4 | ----- | 41.7     | 29.2 | ----- |
| Congestive Heart Failure.....              | 56              | 17.9                | 13.9 | 8.7   | 26.8    | 21.9 | 7.3   | 33.9     | 28.0 | 7.6   |
| Pneumonia/Influenza.....                   | 49              | 20.4                | 15.3 | ----- | 22.4    | 21.1 | ----- | 22.4     | 25.2 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 16              | 37.5                | 10.0 | ----- | 37.5    | 17.1 | ----- | 37.5     | 22.2 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 7.1                 | 3.4  | ----- | 14.3    | 7.5  | ----- | 28.6     | 11.1 | ----- |
| Stroke.....                                | 35              | 25.7                | 19.8 | ----- | 28.6    | 26.5 | ----- | 28.6     | 30.7 | ----- |
| Hip Fracture.....                          | 34              | 8.8                 | 5.4  | ----- | 8.8     | 10.0 | ----- | 14.7     | 13.5 | ----- |
| Sepsis.....                                | 12              | 25.0                | 20.6 | ----- | 33.3    | 25.4 | ----- | 33.3     | 29.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 11              | 0.0                 | 3.3  | ----- | 0.0     | 6.5  | ----- | 9.1      | 9.3  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 6.3                 | 5.3  | ----- | 6.3     | 9.9  | ----- | 6.3      | 13.2 | ----- |
| Prostatectomy.....                         | 11              | 0.0                 | 0.6  | ----- | 0.0     | 1.4  | ----- | 0.0      | 2.5  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 0.9  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.5  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ABRAHAM LINCOLN MEMORIAL HOSPITAL

Medicare Provider Number: 140004

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.4 years  
Proportion female..... 62.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.8 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 13.8 %  
Admitted for emergency..... 30.5 %

### COMORBIDITIES:

Cancer..... 5.2 %  
Chronic cardiovascular disease..... 25.8 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 9.2 %  
Cerebrovascular degeneration..... 8.9 %  
Diabetes mellitus..... 5.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 80.5%  
State..... 17.9%  
Outside State..... 1.6%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.0 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 74  
Occupancy Rate..... 53.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 42.1 %  
Case Mix Index (CMI)..... 1.0050

### STAFFING:

Total Number of Physicians..... 17  
Percent of Physicians Board  
Certified Specialists..... 70.6 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 74  
Licensed Practical Nurses..... 24

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALEXIAN BROTHERS MEDICAL CENTER

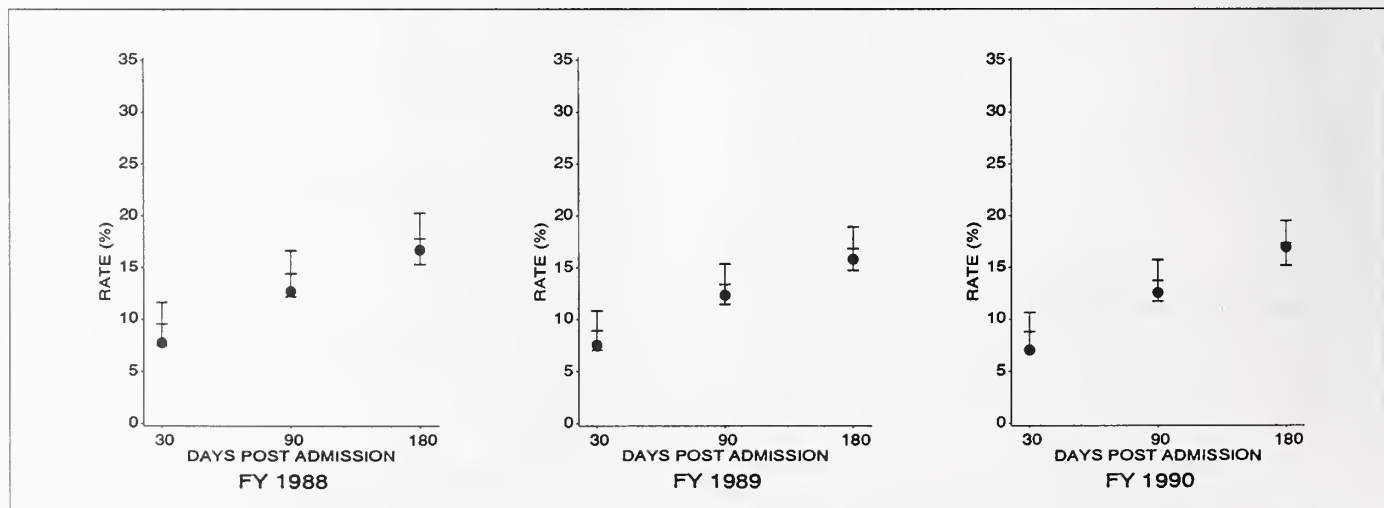
800 W BIESTERFIELD RD  
ELK GROVE VILLAGE, IL 60007  
Medicare Provider Number: 140258

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1756            | 7.0                 | 8.8  | 0.9   | 12.5    | 13.7 | 1.0   | 16.9     | 17.3 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 15.6                | 23.1 | ----- | 20.0    | 26.2 | ----- | 26.7     | 29.0 | ----- |
| Congestive Heart Failure.....              | 104             | 13.5                | 13.9 | 3.6   | 25.0    | 22.1 | 6.0   | 35.6     | 28.1 | 6.2   |
| Pneumonia/Influenza.....                   | 86              | 9.3                 | 16.4 | 5.5   | 14.0    | 22.3 | 6.8   | 17.4     | 25.8 | 6.6   |
| Chronic Obstructive Pulmonary Disease..... | 18              | 0.0                 | 9.2  | ----- | 5.6     | 15.1 | ----- | 11.1     | 19.3 | ----- |
| Transient Cerebral Ischemia.....           | 48              | 0.0                 | 2.4  | ----- | 6.3     | 5.1  | ----- | 8.3      | 7.9  | ----- |
| Stroke.....                                | 45              | 13.3                | 19.9 | ----- | 15.6    | 26.0 | ----- | 22.2     | 29.4 | ----- |
| Hip Fracture.....                          | 31              | 3.2                 | 8.8  | ----- | 6.5     | 14.7 | ----- | 6.5      | 18.8 | ----- |
| Sepsis.....                                | 16              | 18.8                | 17.9 | ----- | 25.0    | 23.9 | ----- | 31.3     | 27.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 5               | 0.0                 | 3.8  | ----- | 0.0     | 5.2  | ----- | 0.0      | 6.6  | ----- |
| Initial Pacemaker Insertion.....           | 16              | 12.5                | 2.8  | ----- | 18.8    | 5.8  | ----- | 18.8     | 8.9  | ----- |
| Carotid Endarterectomy.....                | 11              | 9.1                 | 1.2  | ----- | 9.1     | 2.4  | ----- | 18.2     | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 20              | 0.0                 | 3.6  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.1  | ----- |
| Open Reduction of Hip Fracture.....        | 18              | 0.0                 | 7.7  | ----- | 5.6     | 13.1 | ----- | 5.6      | 17.1 | ----- |
| Prostatectomy.....                         | 68              | 0.0                 | 1.2  | 1.7   | 0.0     | 2.6  | 3.0   | 0.0      | 4.2  | 4.5   |
| Cholecystectomy.....                       | 32              | 0.0                 | 3.7  | ----- | 6.3     | 6.4  | ----- | 6.3      | 8.1  | ----- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.7  | ----- | 5.9     | 1.5  | ----- | 5.9      | 2.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ALEXIAN BROTHERS MEDICAL CENTER

Medicare Provider Number: 140258

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 58.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.8 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 19.6 %  
Admitted for emergency..... 59.9 %

### COMORBIDITIES:

Cancer..... 10.0 %  
Chronic cardiovascular disease..... 50.2 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 19.1 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 11.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 45.5%  
State..... 51.2%  
Outside State..... 3.3%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.8 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 399  
Occupancy Rate..... 65.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 24.9 %  
Case Mix Index (CMI)..... 1.2988

### STAFFING:

Total Number of Physicians..... 458  
Percent of Physicians Board  
Certified Specialists..... 75.1 %  
Medical Residents/Interns..... 1  
Registered Nurses..... 376  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... Yes  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALTON MEMORIAL HOSPITAL

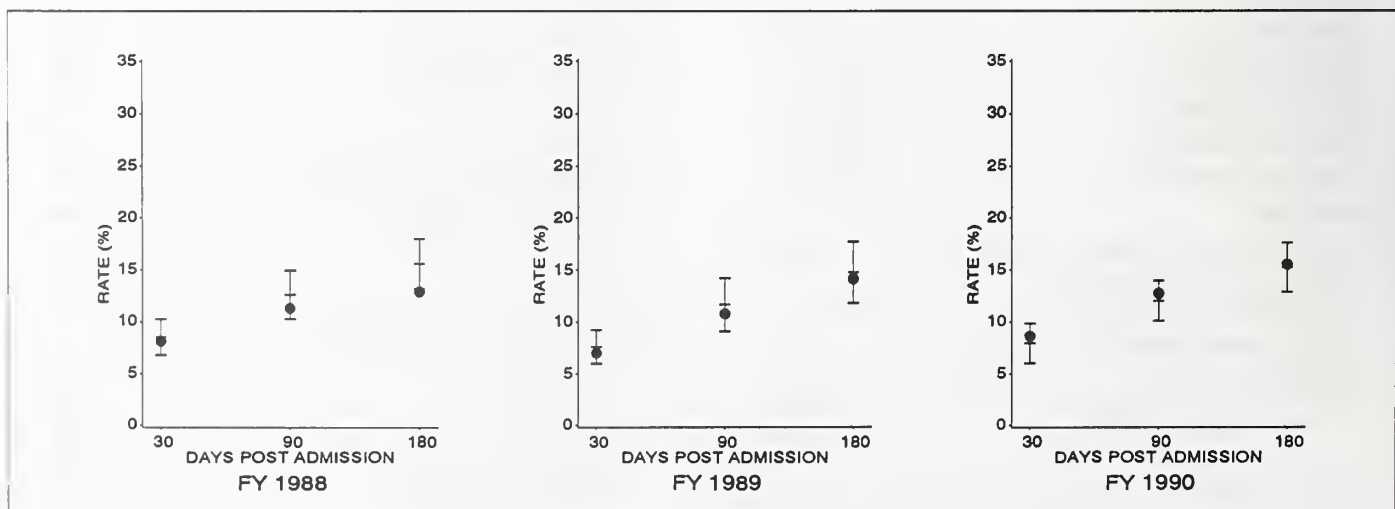
ONE MEMORIAL DRIVE  
ALTON, IL 62002  
Medicare Provider Number: 140002

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1461            | 8.6                 | 7.9  | 1.0  | 12.7    | 12.0 | 1.0  | 15.5     | 15.2 | 1.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 53              | 24.5                | 24.4 | 6.3  | 28.3    | 27.4 | 6.2  | 28.3     | 29.8 | 6.5  |
| Congestive Heart Failure.....              | 60              | 11.7                | 14.7 | 6.6  | 21.7    | 23.2 | 7.7  | 28.3     | 29.4 | 6.2  |
| Pneumonia/Influenza.....                   | 79              | 15.2                | 13.8 | 4.3  | 20.3    | 19.1 | 6.1  | 26.6     | 23.0 | 6.8  |
| Chronic Obstructive Pulmonary Disease..... | 11              | 27.3                | 7.5  | ---- | 36.4    | 12.7 | ---- | 36.4     | 16.8 | ---- |
| Transient Cerebral Ischemia.....           | 20              | 0.0                 | 2.5  | ---- | 0.0     | 5.6  | ---- | 0.0      | 8.8  | ---- |
| Stroke.....                                | 38              | 18.4                | 20.9 | ---- | 28.9    | 27.0 | ---- | 31.6     | 30.5 | ---- |
| Hip Fracture.....                          | 61              | 3.3                 | 6.1  | 3.6  | 9.8     | 10.8 | 4.2  | 14.8     | 14.2 | 4.6  |
| Sepsis.....                                | 11              | 36.4                | 30.3 | ---- | 54.5    | 40.9 | ---- | 54.5     | 46.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 3.3  | ---- | 0.0     | 6.8  | ---- | 0.0      | 9.9  | ---- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 1.2  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.1  | ---- |
| Hip Replacement/Reconstruction.....        | 61              | 1.6                 | 2.7  | 2.6  | 3.3     | 5.1  | 3.2  | 4.9      | 6.8  | 3.6  |
| Open Reduction of Hip Fracture.....        | 27              | 3.7                 | 5.2  | ---- | 7.4     | 9.3  | ---- | 14.8     | 12.5 | ---- |
| Prostatectomy.....                         | 25              | 0.0                 | 0.6  | ---- | 0.0     | 1.3  | ---- | 0.0      | 2.3  | ---- |
| Cholecystectomy.....                       | 20              | 5.0                 | 1.0  | ---- | 5.0     | 1.8  | ---- | 5.0      | 2.3  | ---- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.2  | ---- | 0.0     | 0.5  | ---- | 0.0      | 0.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ALTON MEMORIAL HOSPITAL

Medicare Provider Number: 140002

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.7 years |
| Proportion female.....        | 56.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.6 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 27.0 % |
| Admitted for emergency.....                    | 42.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.6 %  |
| Chronic cardiovascular disease..... | 35.9 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.0 %  |
| Chronic pulmonary disease.....      | 14.0 % |
| Cerebrovascular degeneration.....   | 5.6 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 77.9%  |
| State .....         | 20.3%  |
| Outside State ..... | 1.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.5 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 232                 |
| Occupancy Rate .....       | 67.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 43.9 %              |
| Case Mix Index (CMI) ..... | 1.2539              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 104    |
| Percent of Physicians Board<br>Certified Specialists ..... | 80.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 176    |
| Licensed Practical Nurses .....                            | 66     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric.....          | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# AMERICAN INTERNATIONAL HOSPITAL

SHILOH BLVD AND EMMAUS AVE

ZION, IL 60099

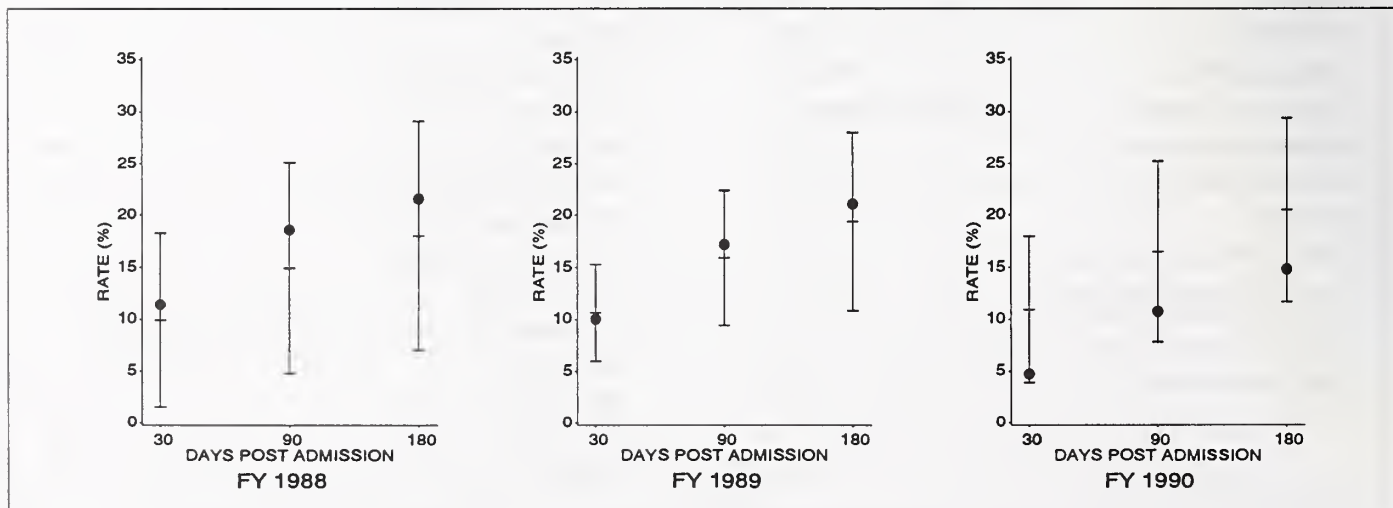
Medicare Provider Number: 140100

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 149             | 4.7                 | 10.9 | 3.5  | 10.7    | 16.5 | 4.4  | 14.8     | 20.5 | 4.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5               | 20.0                | 18.2 | ---- | 20.0    | 20.5 | ---- | 20.0     | 23.1 | ---- |
| Congestive Heart Failure.....              | 6               | 16.7                | 14.2 | ---- | 33.3    | 20.4 | ---- | 33.3     | 25.8 | ---- |
| Pneumonia/Influenza.....                   | 9               | 11.1                | 9.1  | ---- | 11.1    | 12.3 | ---- | 11.1     | 14.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 8.9  | ---- | 0.0     | 15.3 | ---- | 0.0      | 19.9 | ---- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 0.7  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.9  | ---- |
| Stroke.....                                | 4               | 0.0                 | 13.1 | ---- | 0.0     | 17.9 | ---- | 0.0      | 21.4 | ---- |
| Hip Fracture.....                          | 2               | 0.0                 | 2.7  | ---- | 0.0     | 5.3  | ---- | 0.0      | 7.1  | ---- |
| Sepsis.....                                | 2               | 0.0                 | 28.7 | ---- | 50.0    | 32.8 | ---- | 50.0     | 37.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 1.0  | ---- | 0.0     | 2.6  | ---- | 100.0    | 4.5  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 1.5  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.1  | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 2               | 0.0                 | 1.5  | ---- | 0.0     | 3.8  | ---- | 0.0      | 6.9  | ---- |
| Cholecystectomy.....                       | 2               | 0.0                 | 7.1  | ---- | 0.0     | 14.6 | ---- | 0.0      | 19.5 | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# AMERICAN INTERNATIONAL HOSPITAL

Medicare Provider Number: 140100

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 67.4 years  
Proportion female..... 49.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.9 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 16.8 %  
Admitted for emergency..... 77.2 %

### COMORBIDITIES:

Cancer..... 15.4 %  
Chronic cardiovascular disease..... 28.2 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.7 %  
Chronic pulmonary disease..... 11.4 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 4.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 71.9%  
State..... 3.6%  
Outside State..... 24.5%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.1 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds..... 95  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI)..... 1.1881

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 100  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

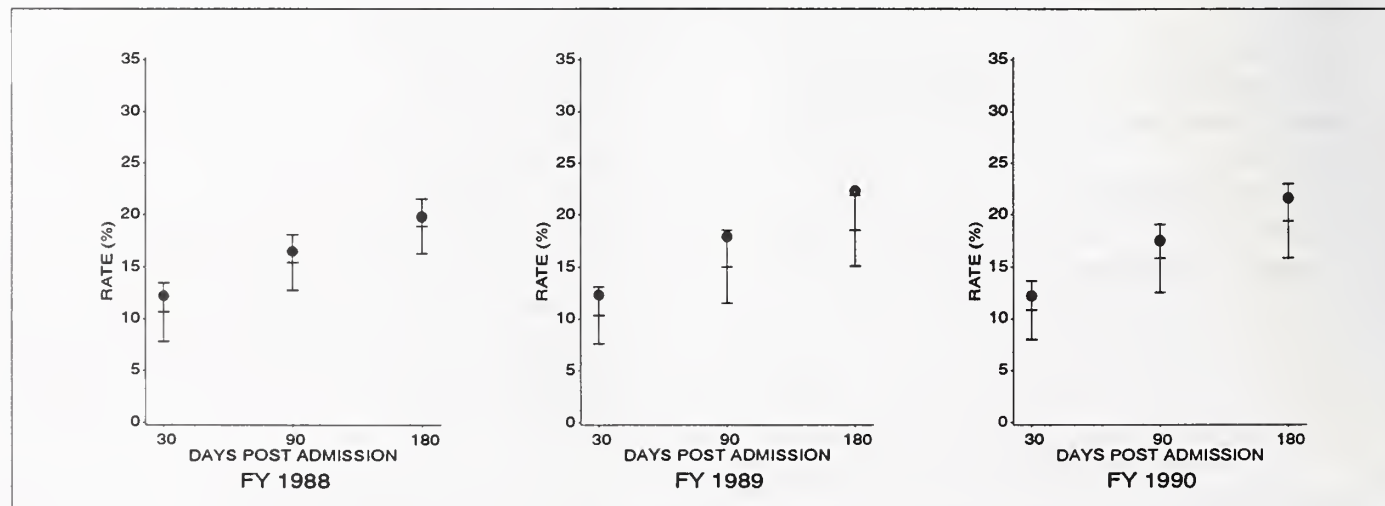
**ANDERSON HOSPITAL**  
 ILL RT 162 OLD EDWARDSVILLE RD  
 MARYVILLE, IL 62062  
 Medicare Provider Number: 140289

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1220            | 12.2                | 10.8 | 1.4   | 17.5    | 15.8 | 1.6   | 21.6     | 19.4 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 54              | 42.6                | 28.8 | 10.9  | 44.4    | 31.7 | 11.3  | 46.3     | 34.6 | 10.6  |
| Congestive Heart Failure.....              | 91              | 12.1                | 13.9 | 4.0   | 19.8    | 21.4 | 4.8   | 24.2     | 27.2 | 6.1   |
| Pneumonia/Influenza.....                   | 104             | 14.4                | 14.4 | 4.3   | 22.1    | 19.8 | 4.6   | 25.0     | 23.5 | 4.4   |
| Chronic Obstructive Pulmonary Disease..... | 26              | 7.7                 | 8.3  | ----- | 11.5    | 14.0 | ----- | 23.1     | 18.1 | ----- |
| Transient Cerebral Ischemia.....           | 17              | 5.9                 | 2.2  | ----- | 17.6    | 4.9  | ----- | 17.6     | 7.9  | ----- |
| Stroke.....                                | 64              | 20.3                | 19.9 | 5.1   | 23.4    | 26.8 | 7.0   | 31.3     | 30.6 | 8.0   |
| Hip Fracture.....                          | 44              | 13.6                | 6.2  | ----- | 18.2    | 10.8 | ----- | 22.7     | 14.1 | ----- |
| Sepsis.....                                | 27              | 37.0                | 23.2 | ----- | 44.4    | 31.3 | ----- | 48.1     | 36.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 12              | 8.3                 | 3.0  | ----- | 8.3     | 5.3  | ----- | 8.3      | 7.6  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 29              | 3.4                 | 4.0  | ----- | 3.4     | 7.1  | ----- | 10.3     | 9.6  | ----- |
| Open Reduction of Hip Fracture.....        | 18              | 16.7                | 5.6  | ----- | 22.2    | 9.9  | ----- | 27.8     | 13.2 | ----- |
| Prostatectomy.....                         | 25              | 4.0                 | 1.3  | ----- | 4.0     | 3.2  | ----- | 4.0      | 5.5  | ----- |
| Cholecystectomy.....                       | 11              | 0.0                 | 7.1  | ----- | 9.1     | 11.2 | ----- | 9.1      | 13.0 | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



**ANDERSON HOSPITAL**  
Medicare Provider Number: 140289

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 76.9 years  
Proportion female..... 57.3 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 36.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 7.0 %  
Admitted for emergency..... 12.8 %

**COMORBIDITIES:**

Cancer..... 6.4 %  
Chronic cardiovascular disease..... 54.0 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 19.0 %  
Cerebrovascular degeneration..... 4.9 %  
Diabetes mellitus..... 9.0 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 85.8%  
State ..... 10.8%  
Outside State ..... 3.4%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 8.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

**PROFILE:**

Total Beds ..... 140  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 40.3 %  
Case Mix Index (CMI) ..... 1.2711

**STAFFING:**

Total Number of Physicians..... 151  
Percent of Physicians Board  
Certified Specialists ..... 70.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 147  
Licensed Practical Nurses ..... 8

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# BELMONT COMMUNITY HOSPITAL

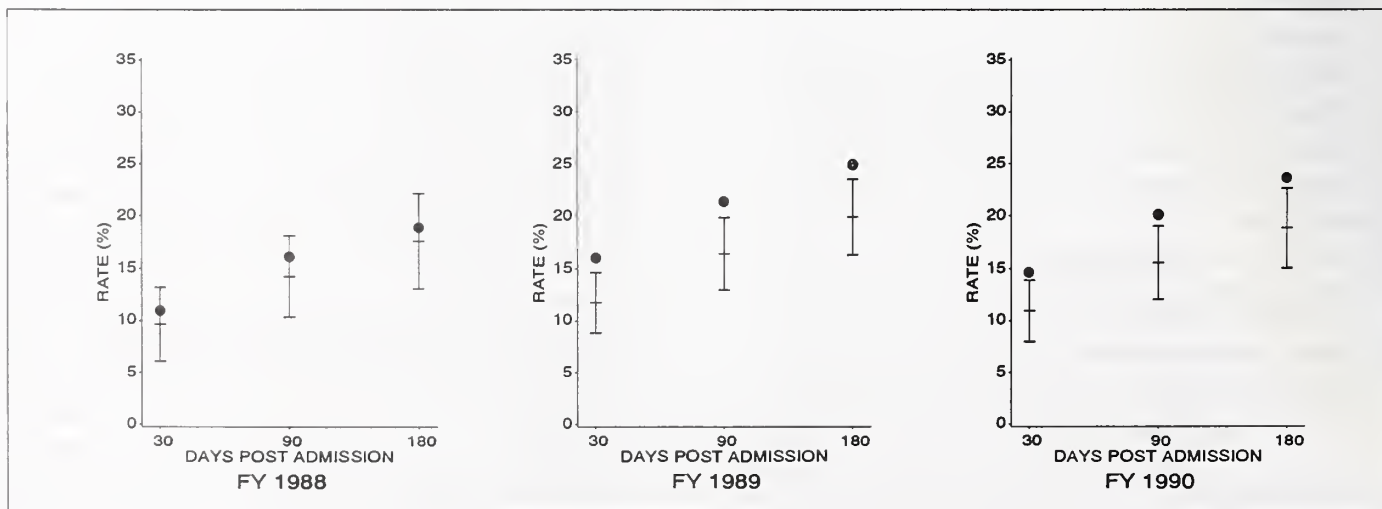
4058 W MELROSE STREET  
CHICAGO, IL 60641  
Medicare Provider Number: 140098

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 814             | 14.6                | 10.9 | 1.5   | 20.1    | 15.5 | 1.8   | 23.6     | 18.8 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 35              | 57.1                | 28.4 | ----- | 60.0    | 31.8 | ----- | 60.0     | 34.7 | ----- |
| Congestive Heart Failure.....              | 61              | 13.1                | 14.1 | 5.7   | 18.0    | 21.7 | 6.9   | 24.6     | 27.1 | 7.6   |
| Pneumonia/Influenza.....                   | 42              | 26.2                | 17.3 | ----- | 28.6    | 23.6 | ----- | 31.0     | 27.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 16              | 12.5                | 7.2  | ----- | 37.5    | 12.4 | ----- | 50.0     | 16.9 | ----- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.6  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 52              | 28.8                | 22.5 | 10.8  | 34.6    | 27.8 | 12.2  | 38.5     | 31.0 | 13.4  |
| Hip Fracture.....                          | 18              | 11.1                | 7.4  | ----- | 16.7    | 12.5 | ----- | 16.7     | 15.7 | ----- |
| Sepsis.....                                | 9               | 55.6                | 30.8 | ----- | 55.6    | 39.1 | ----- | 55.6     | 44.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 3.6  | ----- | 0.0     | 6.7  | ----- | 0.0      | 9.0  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.5  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.5  | ----- |
| Hip Replacement/Reconstruction.....        | 11              | 9.1                 | 6.5  | ----- | 18.2    | 11.2 | ----- | 18.2     | 14.1 | ----- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 4.4  | ----- | 0.0     | 7.6  | ----- | 0.0      | 10.3 | ----- |
| Prostatectomy.....                         | 22              | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.3  | ----- |
| Cholecystectomy.....                       | 19              | 0.0                 | 3.1  | ----- | 0.0     | 4.9  | ----- | 0.0      | 5.9  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# BELMONT COMMUNITY HOSPITAL

Medicare Provider Number: 140098

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 53.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 11.8 %  
Admitted for emergency..... 54.2 %

### COMORBIDITIES:

Cancer..... 3.6 %  
Chronic cardiovascular disease..... 42.9 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 17.4 %  
Cerebrovascular degeneration..... 2.3 %  
Diabetes mellitus..... 10.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.3%  
State ..... 1.1%  
Outside State ..... 2.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 124  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.2768

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 8  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... Yes  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

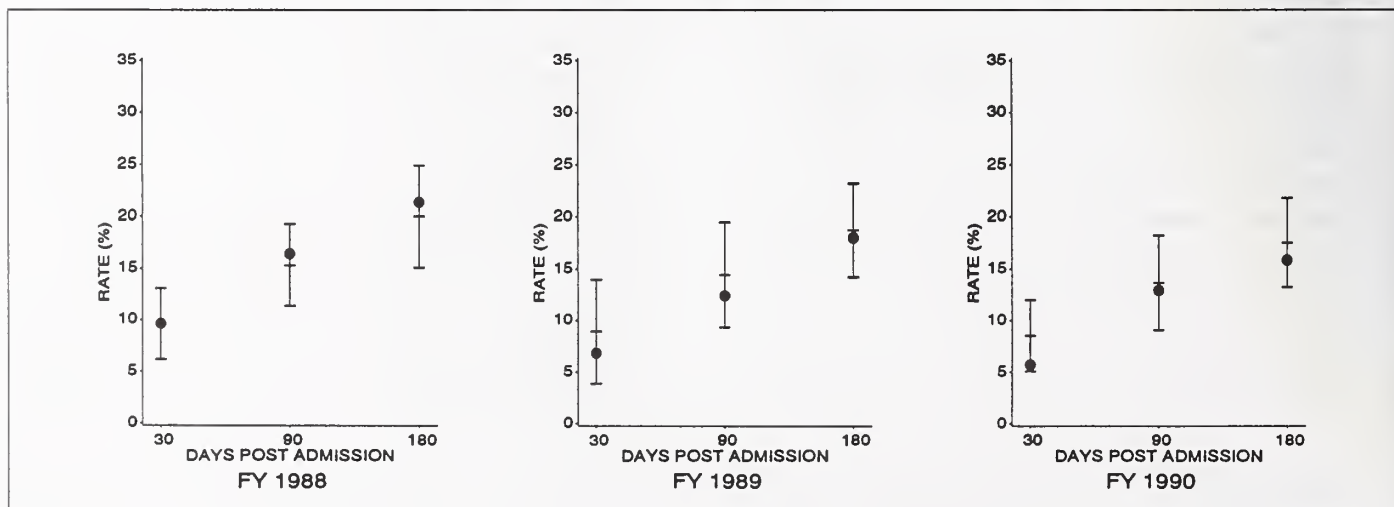
**BETHANY HOSPITAL**  
3435 W VAN BUREN  
CHICAGO, IL 60624  
Medicare Provider Number: 140152

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 442                | 5.7                 | 8.5  | 1.7  | 12.9    | 13.6 | 2.3  | 15.8     | 17.5 | 2.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5                  | 0.0                 | 35.2 | ---- | 0.0     | 38.2 | ---- | 20.0     | 41.2 | ---- |
| Congestive Heart Failure.....              | 37                 | 8.1                 | 14.4 | ---- | 16.2    | 23.3 | ---- | 27.0     | 29.3 | ---- |
| Pneumonia/Influenza.....                   | 29                 | 10.3                | 17.2 | ---- | 17.2    | 23.2 | ---- | 17.2     | 27.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 6.4  | ---- | 0.0     | 10.9 | ---- | 0.0      | 15.0 | ---- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.4  | ---- | 0.0     | 3.4  | ---- | 0.0      | 5.7  | ---- |
| Stroke.....                                | 17                 | 5.9                 | 15.3 | ---- | 23.5    | 22.0 | ---- | 29.4     | 25.9 | ---- |
| Hip Fracture.....                          | 1                  | 100.0               | 5.4  | ---- | 100.0   | 11.5 | ---- | 100.0    | 15.9 | ---- |
| Sepsis.....                                | 6                  | 16.7                | 20.6 | ---- | 33.3    | 26.0 | ---- | 33.3     | 28.9 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2                  | 0.0                 | 9.6  | ---- | 50.0    | 19.7 | ---- | 50.0     | 27.6 | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1                  | 100.0               | 5.0  | ---- | 100.0   | 10.8 | ---- | 100.0    | 15.3 | ---- |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 22                 | 4.5                 | 0.5  | ---- | 4.5     | 1.3  | ---- | 4.5      | 2.4  | ---- |
| Cholecystectomy.....                       | 5                  | 0.0                 | 2.0  | ---- | 0.0     | 4.5  | ---- | 20.0     | 7.1  | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



**BETHANY HOSPITAL**  
Medicare Provider Number: 140152

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 70.9 years  
Proportion female..... 54.8 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 42.3 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 48.6 %  
Admitted for emergency..... 51.4 %

**COMORBIDITIES:**

Cancer..... 8.4 %  
Chronic cardiovascular disease..... 27.4 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 5.4 %  
Chronic pulmonary disease..... 11.3 %  
Cerebrovascular degeneration..... 5.0 %  
Diabetes mellitus..... 10.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 96.1%  
State ..... 1.8%  
Outside State ..... 2.1%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 8.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 142  
Occupancy Rate ..... 75.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 14.9 %  
Case Mix Index (CMI) ..... 1.1240

**STAFFING:**

Total Number of Physicians..... 86  
Percent of Physicians Board  
Certified Specialists..... 60.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 109  
Licensed Practical Nurses ..... 23

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

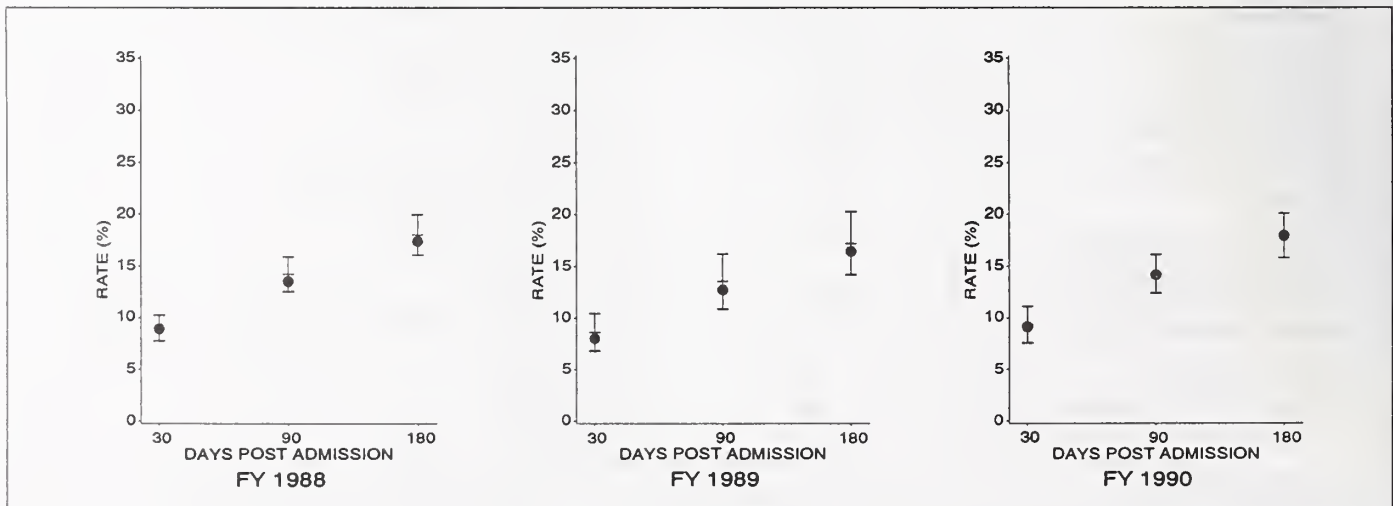
**BLESSING HOSPITAL**  
1005 BROADWAY  
QUINCY, IL 62301  
Medicare Provider Number: 140015

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2114               | 9.1                 | 9.3  | 0.9  | 14.1    | 14.2 | 0.9  | 17.9     | 17.9 | 1.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 67                 | 28.4                | 23.5 | 8.7  | 32.8    | 26.5 | 10.1 | 35.8     | 29.1 | 10.1 |
| Congestive Heart Failure.....              | 81                 | 14.8                | 16.7 | 5.7  | 22.2    | 25.6 | 6.0  | 30.9     | 32.0 | 6.4  |
| Pneumonia/Influenza.....                   | 119                | 10.9                | 17.4 | 4.9  | 16.0    | 23.7 | 5.3  | 21.8     | 28.0 | 6.1  |
| Chronic Obstructive Pulmonary Disease..... | 22                 | 22.7                | 7.0  | ---- | 36.4    | 12.9 | ---- | 36.4     | 17.9 | ---- |
| Transient Cerebral Ischemia.....           | 36                 | 0.0                 | 1.2  | ---- | 0.0     | 2.8  | ---- | 5.6      | 4.6  | ---- |
| Stroke.....                                | 76                 | 11.8                | 19.9 | 7.5  | 21.1    | 26.5 | 6.7  | 26.3     | 30.7 | 6.2  |
| Hip Fracture.....                          | 69                 | 4.3                 | 6.4  | 3.4  | 11.6    | 11.4 | 3.9  | 17.4     | 15.0 | 4.8  |
| Sepsis.....                                | 21                 | 47.6                | 28.4 | ---- | 52.4    | 36.2 | ---- | 52.4     | 40.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 13                 | 7.7                 | 4.2  | ---- | 15.4    | 7.6  | ---- | 15.4     | 10.3 | ---- |
| Carotid Endarterectomy.....                | 26                 | 0.0                 | 1.5  | ---- | 3.8     | 2.7  | ---- | 7.7      | 4.0  | ---- |
| Hip Replacement/Reconstruction.....        | 39                 | 2.6                 | 3.0  | ---- | 7.7     | 5.3  | ---- | 15.4     | 7.1  | ---- |
| Open Reduction of Hip Fracture.....        | 27                 | 3.7                 | 6.9  | ---- | 11.1    | 13.0 | ---- | 14.8     | 17.5 | ---- |
| Prostatectomy.....                         | 69                 | 1.4                 | 1.0  | 1.6  | 1.4     | 2.3  | 2.3  | 1.4      | 4.1  | 3.6  |
| Cholecystectomy.....                       | 28                 | 3.6                 | 2.8  | ---- | 10.7    | 5.7  | ---- | 10.7     | 8.1  | ---- |
| Hysterectomy.....                          | 10                 | 0.0                 | 0.7  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**BLESSING HOSPITAL**  
Medicare Provider Number: 140015

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 76.3 years | Cancer.....                         | 8.1 %  |
| Proportion female.....                         | 56.6 %     | Chronic cardiovascular disease..... | 31.6 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 0.4 %  |
| Referred by personal or HMO physician.....     | 41.0 %     | Chronic renal disease.....          | 4.9 %  |
| Transferred from skilled nursing facility..... | 8.2 %      | Chronic pulmonary disease.....      | 12.3 % |
| Admitted for elective procedure.....           | 1.6 %      | Cerebrovascular degeneration.....   | 3.5 %  |
| Admitted for emergency.....                    | 1.6 %      | Diabetes mellitus.....              | 6.5 %  |

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City .....                            | 61.0%  | Hospital .....                          | 7.9 Days |
| State .....                                  | 13.5%  | State .....                             | 8.4 Days |
| Outside State .....                          | 25.5%  | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

**HOSPITAL CHARACTERISTICS\***

|                                                                    |                     |                                                 |     |
|--------------------------------------------------------------------|---------------------|-------------------------------------------------|-----|
| <b>SOURCE:</b> AHA Annual Survey of Hospitals** - Survey Year 1990 |                     |                                                 |     |
| <b>PROFILE:</b>                                                    |                     | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 237                 | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 65.0 %              | Cardiac Intensive Care .....                    | Yes |
| Ownership/Control.....                                             | Private, Non-Profit | Comprehensive Geriatric .....                   | Yes |
| Medicare Discharges .....                                          | 51.1 %              | Hospice Care .....                              | Yes |
| Case Mix Index (CMI) .....                                         | 1.1676              | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                     | Organ/Tissue Transplant .....                   | No  |
| Total Number of Physicians.....                                    | 92                  | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 79.3 %              | Trauma Center .....                             | Yes |
| Medical Residents/Interns .....                                    | 5                   | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 172                 | Alcohol/Drug .....                              | No  |
| Licensed Practical Nurses .....                                    | 79                  | Rehabilitation.....                             | Yes |
|                                                                    |                     | Psychiatric .....                               | No  |
|                                                                    |                     | Medicare Swing Beds .....                       | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# BROMENN HEALTHCARE

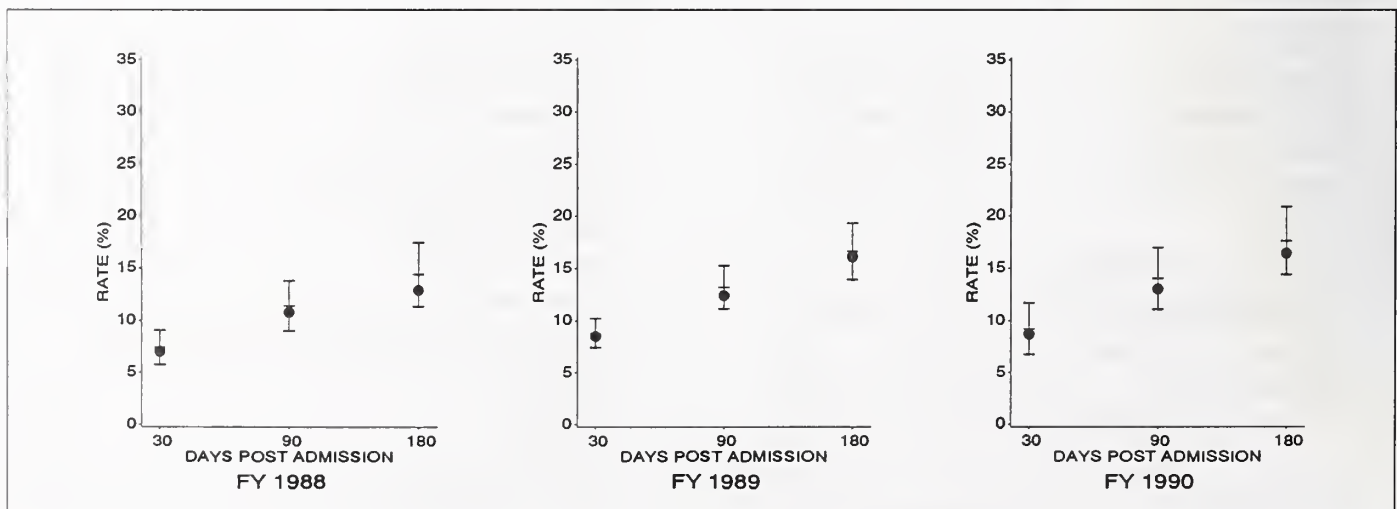
VIRGINIA AT FRANKLIN  
NORMAL, IL 61761  
Medicare Provider Number: 140127

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1780            | 8.7                 | 9.2  | 1.2   | 13.0    | 14.0 | 1.5   | 16.4     | 17.6 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 54              | 33.3                | 25.3 | 8.6   | 44.4    | 28.4 | 9.4   | 46.3     | 31.3 | 9.7   |
| Congestive Heart Failure.....              | 86              | 11.6                | 14.8 | 4.7   | 19.8    | 23.2 | 7.4   | 26.7     | 29.3 | 7.2   |
| Pneumonia/Influenza.....                   | 63              | 17.5                | 14.8 | 5.7   | 22.2    | 20.2 | 6.0   | 30.2     | 24.0 | 7.8   |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 10.5 | ----- | 50.0    | 17.9 | ----- | 50.0     | 24.0 | ----- |
| Transient Cerebral Ischemia.....           | 23              | 0.0                 | 1.4  | ----- | 0.0     | 3.3  | ----- | 8.7      | 5.6  | ----- |
| Stroke.....                                | 55              | 21.8                | 18.4 | 6.1   | 21.8    | 25.4 | 6.5   | 25.5     | 29.3 | 6.7   |
| Hip Fracture.....                          | 64              | 7.8                 | 7.1  | 4.6   | 14.1    | 12.7 | 4.6   | 18.8     | 16.5 | 5.0   |
| Sepsis.....                                | 25              | 12.0                | 24.5 | ----- | 12.0    | 30.5 | ----- | 20.0     | 35.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 5.3  | ----- | 20.0    | 9.7  | ----- | 40.0     | 12.8 | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.2  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.4  | ----- |
| Hip Replacement/Reconstruction.....        | 44              | 2.3                 | 3.1  | ----- | 4.5     | 5.8  | ----- | 6.8      | 7.8  | ----- |
| Open Reduction of Hip Fracture.....        | 31              | 9.7                 | 6.0  | ----- | 16.1    | 11.3 | ----- | 22.6     | 15.1 | ----- |
| Prostatectomy.....                         | 44              | 2.3                 | 1.2  | ----- | 4.5     | 2.7  | ----- | 4.5      | 4.4  | ----- |
| Cholecystectomy.....                       | 39              | 7.7                 | 3.9  | ----- | 10.3    | 6.8  | ----- | 10.3     | 9.0  | ----- |
| Hysterectomy.....                          | 15              | 0.0                 | 0.5  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BROMENN HEALTHCARE

Medicare Provider Number: 140127

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 60.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.5 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 1.6 %  
Admitted for emergency..... 67.1 %

### COMORBIDITIES:

Cancer..... 8.4 %  
Chronic cardiovascular disease..... 30.3 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 16.9 %  
Cerebrovascular degeneration..... 5.8 %  
Diabetes mellitus..... 4.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 76.7%  
State..... 21.4%  
Outside State..... 1.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.9 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 425  
Occupancy Rate..... 62.0 %  
Ownership/Control..... Church  
Medicare Discharges..... (Not Available)  
Case Mix Index (CMI)..... 1.2795

### STAFFING:

Total Number of Physicians..... 131  
Percent of Physicians Board  
Certified Specialists..... 69.5 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 236  
Licensed Practical Nurses..... 27

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# CARLE FOUNDATION HOSPITAL

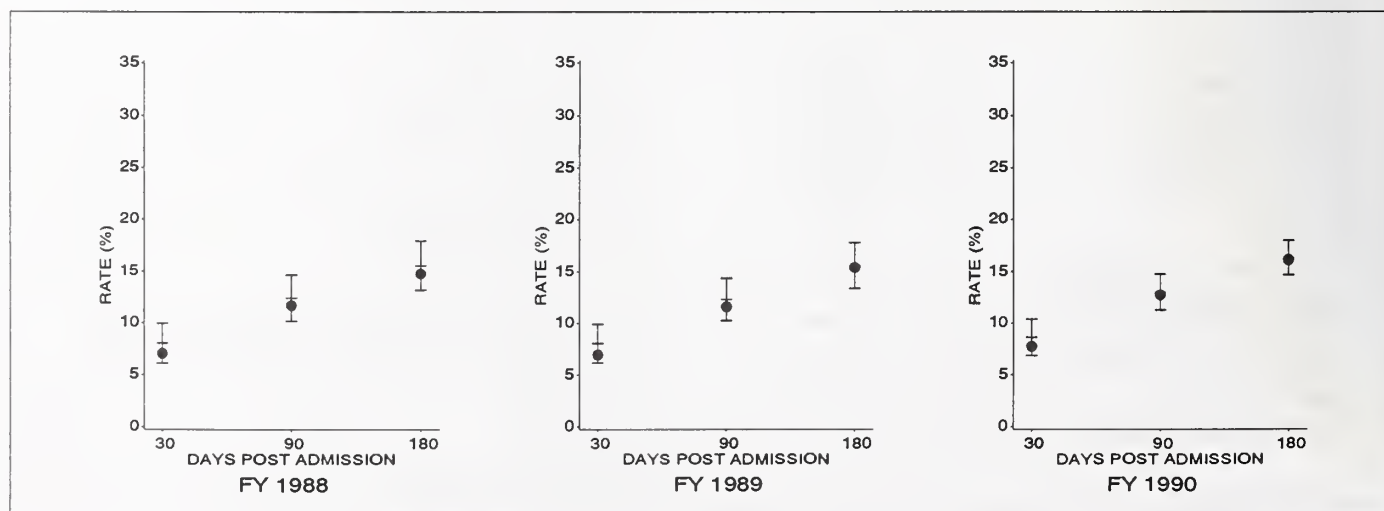
611 WEST PARK STREET  
URBANA, IL 61801  
Medicare Provider Number: 140091

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2201            | 7.7                 | 8.6  | 0.9  | 12.7    | 13.0 | 0.9  | 16.1     | 16.3 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 51              | 13.7                | 27.8 | 9.0  | 15.7    | 30.3 | 9.6  | 19.6     | 33.3 | 10.5 |
| Congestive Heart Failure.....              | 58              | 20.7                | 16.6 | 7.8  | 31.0    | 25.7 | 11.2 | 37.9     | 31.8 | 11.6 |
| Pneumonia/Influenza.....                   | 58              | 13.8                | 14.1 | 5.1  | 17.2    | 19.4 | 7.5  | 19.0     | 23.3 | 8.2  |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 10.0 | ---- | 15.0    | 16.1 | ---- | 20.0     | 20.3 | ---- |
| Transient Cerebral Ischemia.....           | 20              | 0.0                 | 2.0  | ---- | 5.0     | 4.8  | ---- | 5.0      | 7.8  | ---- |
| Stroke.....                                | 59              | 15.3                | 17.9 | 8.4  | 18.6    | 24.5 | 8.2  | 22.0     | 28.6 | 9.0  |
| Hip Fracture.....                          | 57              | 7.0                 | 5.9  | 3.9  | 17.5    | 10.2 | 6.9  | 19.3     | 13.4 | 8.7  |
| Sepsis.....                                | 17              | 17.6                | 33.2 | ---- | 35.3    | 42.6 | ---- | 47.1     | 47.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 44              | 2.3                 | 2.9  | ---- | 4.5     | 3.8  | ---- | 9.1      | 4.7  | ---- |
| Coronary Artery Bypass Graft.....          | 62              | 3.2                 | 5.4  | 3.2  | 8.1     | 7.4  | 3.4  | 9.7      | 8.3  | 3.7  |
| Initial Pacemaker Insertion.....           | 16              | 6.3                 | 2.4  | ---- | 6.3     | 5.0  | ---- | 18.8     | 7.6  | ---- |
| Carotid Endarterectomy.....                | 26              | 0.0                 | 1.2  | ---- | 0.0     | 2.2  | ---- | 3.8      | 3.4  | ---- |
| Hip Replacement/Reconstruction.....        | 57              | 1.8                 | 2.3  | 2.1  | 3.5     | 4.4  | 3.4  | 3.5      | 6.2  | 4.6  |
| Open Reduction of Hip Fracture.....        | 25              | 4.0                 | 5.3  | ---- | 12.0    | 9.7  | ---- | 16.0     | 13.2 | ---- |
| Prostatectomy.....                         | 68              | 1.5                 | 1.0  | 1.3  | 2.9     | 2.3  | 2.0  | 4.4      | 3.9  | 2.7  |
| Cholecystectomy.....                       | 55              | 0.0                 | 4.0  | ---- | 1.8     | 7.2  | ---- | 1.8      | 9.4  | ---- |
| Hysterectomy.....                          | 28              | 0.0                 | 1.6  | ---- | 0.0     | 3.1  | ---- | 0.0      | 4.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CARLE FOUNDATION HOSPITAL

Medicare Provider Number: 140091

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.2 years |
| Proportion female.....        | 52.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 2.0 %  |
| Transferred from skilled nursing facility..... | 1.6 %  |
| Admitted for elective procedure.....           | 24.8 % |
| Admitted for emergency.....                    | 26.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.2 %  |
| Chronic cardiovascular disease..... | 31.0 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 2.8 %  |
| Chronic pulmonary disease.....      | 12.2 % |
| Cerebrovascular degeneration.....   | 2.8 %  |
| Diabetes mellitus.....              | 5.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 35.2%  |
| State.....         | 59.7%  |
| Outside State..... | 5.1%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 6.9 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 495                 |
| Occupancy Rate.....       | 72.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 25.0 %              |
| Case Mix Index (CMI)..... | 1.5229              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 181    |
| Percent of Physicians Board<br>Certified Specialists..... | 95.0 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 367    |
| Licensed Practical Nurses.....                            | 22     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | Yes |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CARLINVILLE AREA HOSPITAL

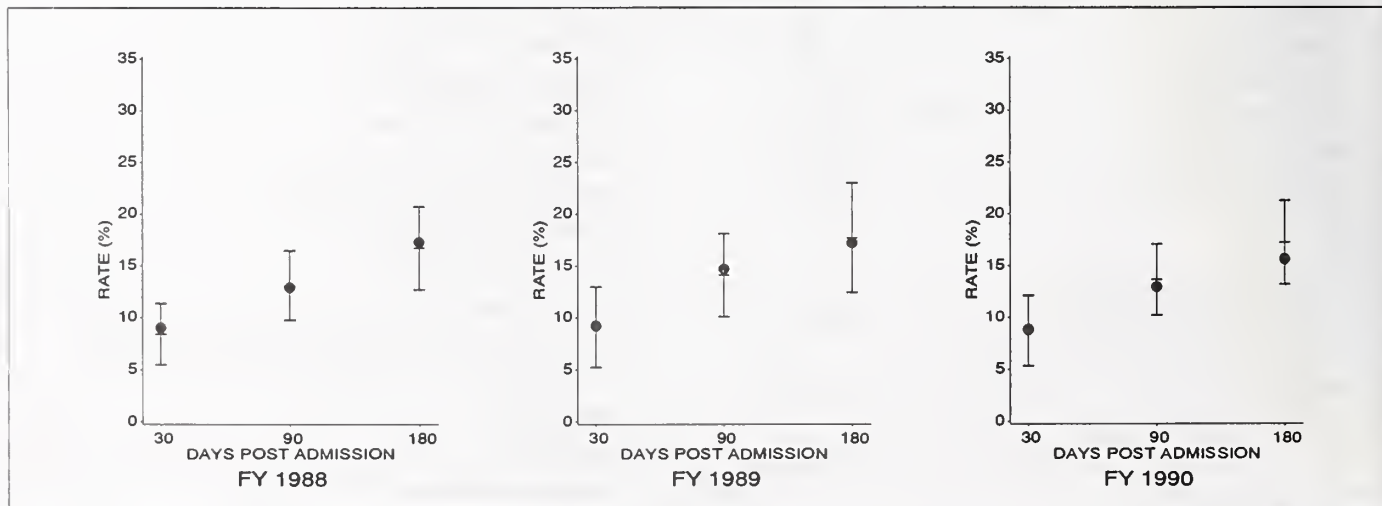
1001 E MORGAN ST  
CARLINVILLE, IL 62626  
Medicare Provider Number: 140141

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 441             | 8.8                 | 8.7  | 1.7   | 12.9    | 13.6 | 1.7   | 15.6     | 17.2 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 6               | 33.3                | 25.1 | ----- | 33.3    | 27.9 | ----- | 33.3     | 31.3 | ----- |
| Congestive Heart Failure.....              | 34              | 17.6                | 16.9 | ----- | 29.4    | 26.4 | ----- | 32.4     | 33.0 | ----- |
| Pneumonia/Influenza.....                   | 55              | 12.7                | 14.4 | 4.9   | 14.5    | 19.9 | 5.7   | 16.4     | 23.6 | 6.3   |
| Chronic Obstructive Pulmonary Disease..... | 8               | 12.5                | 3.2  | ----- | 12.5    | 7.0  | ----- | 25.0     | 10.6 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 2.2  | ----- | 0.0     | 5.2  | ----- | 0.0      | 8.4  | ----- |
| Stroke.....                                | 15              | 6.7                 | 18.8 | ----- | 6.7     | 23.6 | ----- | 6.7      | 26.9 | ----- |
| Hip Fracture.....                          | 10              | 20.0                | 8.5  | ----- | 40.0    | 16.0 | ----- | 50.0     | 21.1 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 20.2 | ----- | 0.0     | 28.8 | ----- | 0.0      | 35.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 5.7  | ----- | 25.0    | 11.2 | ----- | 50.0     | 14.7 | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 25.0                | 6.6  | ----- | 50.0    | 13.4 | ----- | 50.0     | 19.0 | ----- |
| Prostatectomy.....                         | 2               | 0.0                 | 1.3  | ----- | 50.0    | 2.7  | ----- | 100.0    | 4.2  | ----- |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.5  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.2  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CARLINVILLE AREA HOSPITAL

Medicare Provider Number: 140141

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.3 years  
Proportion female..... 65.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 5.2 %  
Admitted for emergency..... 1.4 %

### COMORBIDITIES:

Cancer..... 4.8 %  
Chronic cardiovascular disease..... 29.5 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 3.9 %  
Chronic pulmonary disease..... 11.6 %  
Cerebrovascular degeneration..... 5.2 %  
Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 90.6 %  
State..... 8.5 %  
Outside State..... 0.9 %  
Total..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.2 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 44  
Occupancy Rate..... 63.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 47.0 %  
Case Mix Index (CMI)..... 0.9841

### STAFFING:

Total Number of Physicians..... 8  
Percent of Physicians Board  
Certified Specialists..... 62.5 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 26  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CARMi TOWNSHIP HOSPITAL

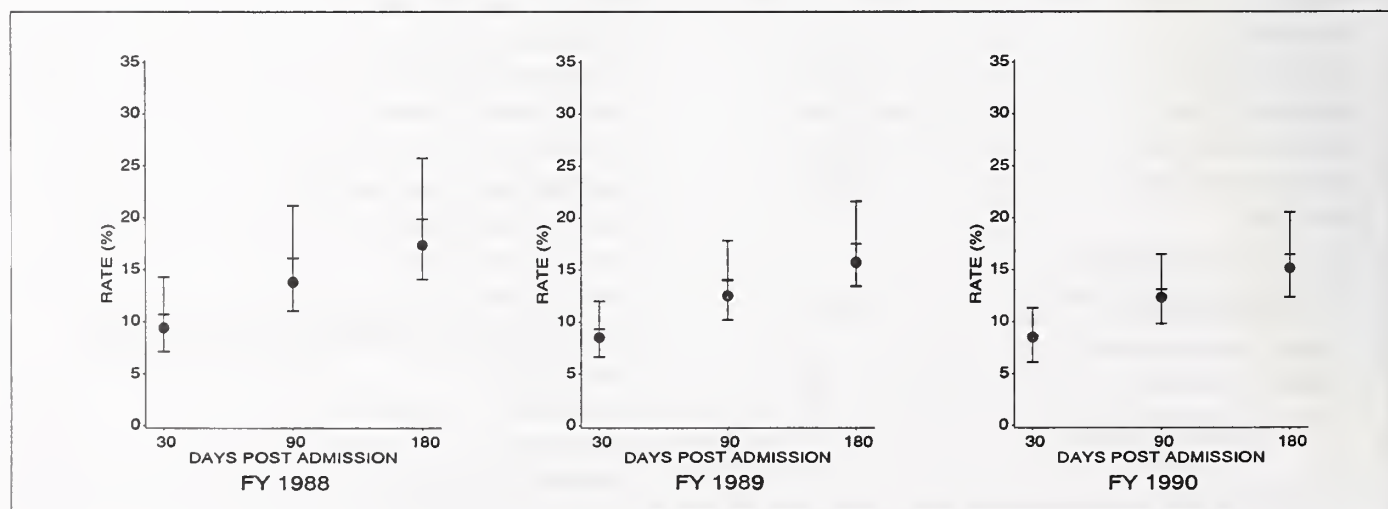
PLUM AND WEBB STREETS  
CARMi, IL 62821  
Medicare Provider Number: 140107

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 470             | 8.5                 | 8.7  | 1.3   | 12.3    | 13.1 | 1.7   | 15.1     | 16.4 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 20              | 15.0                | 21.4 | ----- | 30.0    | 24.8 | ----- | 30.0     | 27.3 | ----- |
| Congestive Heart Failure.....              | 33              | 18.2                | 18.5 | ----- | 21.2    | 27.9 | ----- | 33.3     | 34.1 | ----- |
| Pneumonia/Influenza.....                   | 43              | 18.6                | 18.1 | ----- | 23.3    | 24.6 | ----- | 25.6     | 28.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 0.0                 | 4.7  | ----- | 0.0     | 8.6  | ----- | 0.0      | 12.2 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 3.2  | ----- | 6.3     | 7.0  | ----- | 6.3      | 10.8 | ----- |
| Stroke.....                                | 11              | 27.3                | 18.8 | ----- | 27.3    | 27.5 | ----- | 27.3     | 32.2 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 4               | 25.0                | 37.1 | ----- | 25.0    | 44.4 | ----- | 25.0     | 48.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 2.5  | ----- | 0.0     | 5.1  | ----- | 0.0      | 8.5  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 5               | 0.0                 | 1.8  | ----- | 0.0     | 3.9  | ----- | 0.0      | 6.7  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 1.2  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.5  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CARMi TOWNSHIP HOSPITAL

Medicare Provider Number: 140107

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.5 years  
Proportion female..... 58.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 23.0 %  
Transferred from skilled nursing facility..... 10.2 %  
Admitted for elective procedure..... 0.4 %  
Admitted for emergency..... 0.2 %

### COMORBIDITIES:

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 46.0 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 16.8 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 4.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 86.5%  
State..... 10.6%  
Outside State..... 2.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 5.7 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 49  
Occupancy Rate..... 34.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges..... 58.7 %  
Case Mix Index (CMI)..... 0.9114

### STAFFING:

Total Number of Physicians..... 6  
Percent of Physicians Board  
Certified Specialists..... 83.3 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# CENTRAL COMMUNITY HOSPITAL

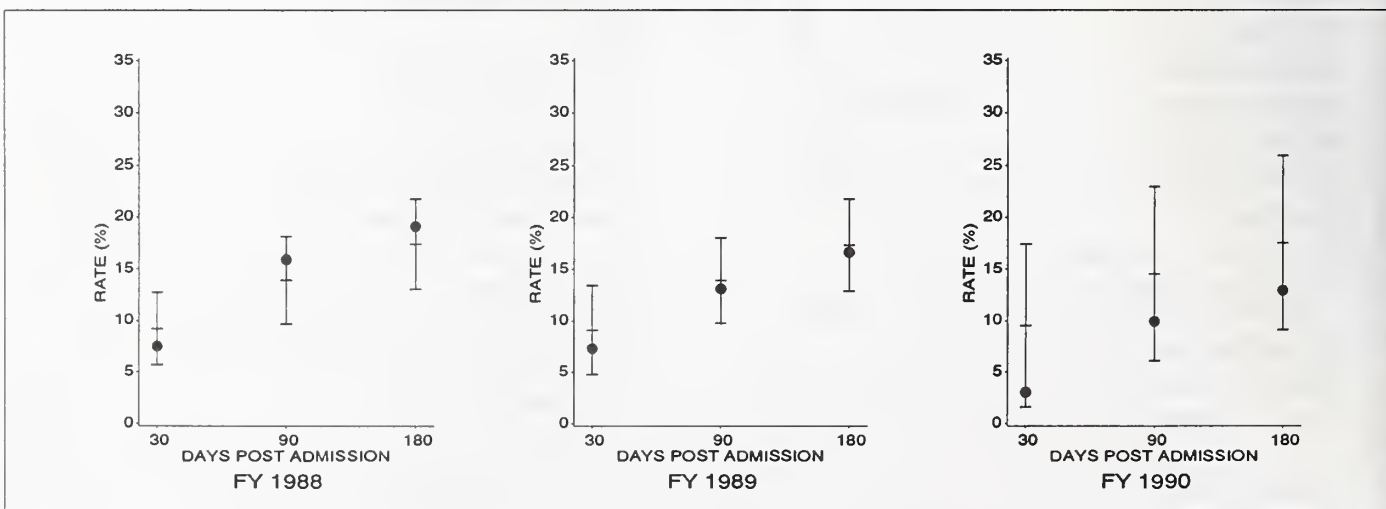
5701 SOUTH WOOD STREET  
CHICAGO, IL 60636  
Medicare Provider Number: 140085

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 132                | 3.0                 | 9.5  | 4.0   | 9.8     | 14.5 | 4.2   | 12.9     | 17.5 | 4.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 10                 | 10.0                | 15.4 | ----- | 20.0    | 26.3 | ----- | 30.0     | 32.4 | ----- |
| Pneumonia/Influenza.....                   | 10                 | 0.0                 | 12.4 | ----- | 0.0     | 16.8 | ----- | 0.0      | 19.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5                  | 0.0                 | 4.7  | ----- | 0.0     | 8.7  | ----- | 0.0      | 11.4 | ----- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 0.9  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.5  | ----- |
| Stroke.....                                | 1                  | 0.0                 | 8.8  | ----- | 0.0     | 14.3 | ----- | 0.0      | 16.7 | ----- |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 5                  | 0.0                 | 28.1 | ----- | 40.0    | 36.3 | ----- | 60.0     | 40.1 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.2  | ----- |
| Cholecystectomy.....                       | 2                  | 0.0                 | 2.3  | ----- | 0.0     | 3.8  | ----- | 0.0      | 4.4  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.4  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CENTRAL COMMUNITY HOSPITAL

Medicare Provider Number: 140085

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.8 years  
Proportion female..... 68.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 59.8 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 6.1 %  
Admitted for emergency..... 44.7 %

### COMORBIDITIES:

Cancer..... 3.8 %  
Chronic cardiovascular disease..... 43.9 %  
Chronic liver disease..... 2.3 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 12.1 %  
Cerebrovascular degeneration..... 3.0 %  
Diabetes mellitus..... 11.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 99.0%  
State ..... 0.5%  
Outside State ..... 0.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 11.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 140  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.0295

### STAFFING:

Medical Residents/Interns ..... 5  
Registered Nurses..... 41  
Licensed Practical Nurses ..... 14

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CENTRAL COMMUNITY HOSPITAL

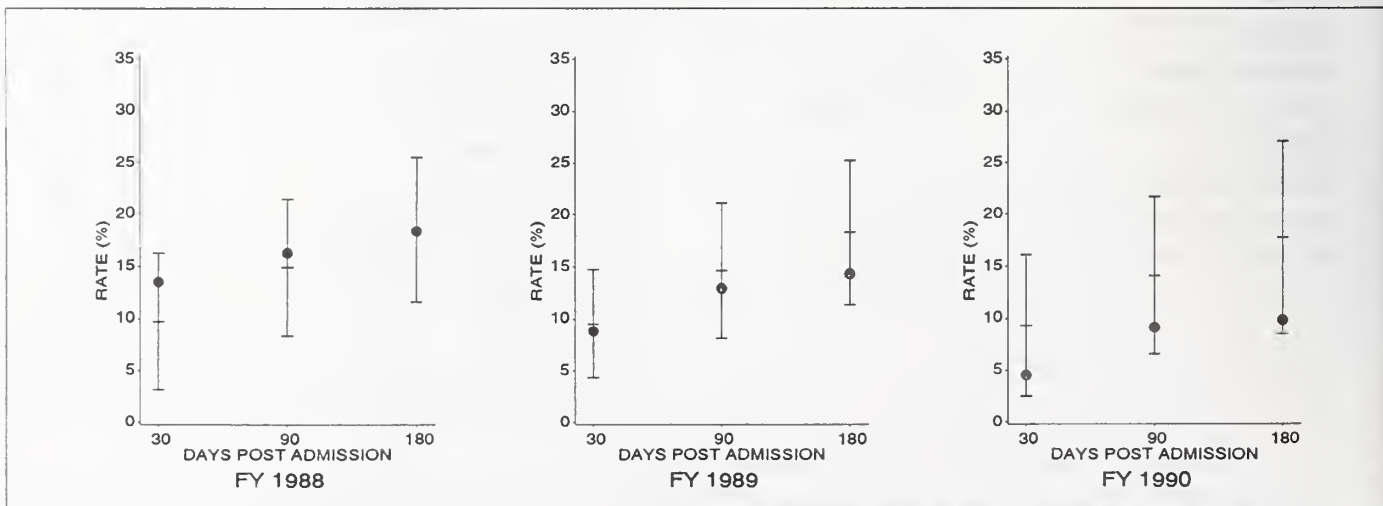
335 E 5TH AVENUE  
CLIFTON, IL 60927  
Medicare Provider Number: 140236

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 132             | 4.5                 | 9.3  | 3.4  | 9.1     | 14.1 | 3.8  | 9.8      | 17.7 | 4.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 3               | 33.3                | 33.8 | ---- | 33.3    | 36.2 | ---- | 33.3     | 38.7 | ---- |
| Congestive Heart Failure.....              | 15              | 0.0                 | 15.2 | ---- | 6.7     | 23.8 | ---- | 6.7      | 29.4 | ---- |
| Pneumonia/Influenza.....                   | 14              | 21.4                | 21.0 | ---- | 28.6    | 27.9 | ---- | 28.6     | 32.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 0.0                 | 4.5  | ---- | 0.0     | 8.1  | ---- | 0.0      | 11.2 | ---- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 5               | 20.0                | 20.8 | ---- | 20.0    | 26.4 | ---- | 40.0     | 30.2 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 4               | 0.0                 | 2.0  | ---- | 0.0     | 4.6  | ---- | 0.0      | 8.0  | ---- |
| Cholecystectomy.....                       | 2               | 0.0                 | 1.9  | ---- | 0.0     | 3.8  | ---- | 0.0      | 5.3  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CENTRAL COMMUNITY HOSPITAL

Medicare Provider Number: 140236

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.6 years  
Proportion female..... 62.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 52.3 %  
Transferred from skilled nursing facility..... 12.9 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 31.8 %

### COMORBIDITIES:

Cancer..... 2.3 %  
Chronic cardiovascular disease..... 42.4 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 5.3 %  
Chronic pulmonary disease..... 17.4 %  
Cerebrovascular degeneration..... 1.5 %  
Diabetes mellitus..... 10.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.5 %  
State ..... 19.0 %  
Outside State ..... 0.5 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 31  
Occupancy Rate ..... 19.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 44.3 %  
Case Mix Index (CMI) ..... 1.0097

### STAFFING:

Total Number of Physicians..... 31  
Percent of Physicians Board  
Certified Specialists ..... 71.0 %  
Medical Residents/Interns ..... 1  
Registered Nurses..... 10  
Licensed Practical Nurses ..... 0

\*\* Except for CMI

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\* Not used in calculating mortality rates

# CENTRAL DUPAGE HOSPITAL

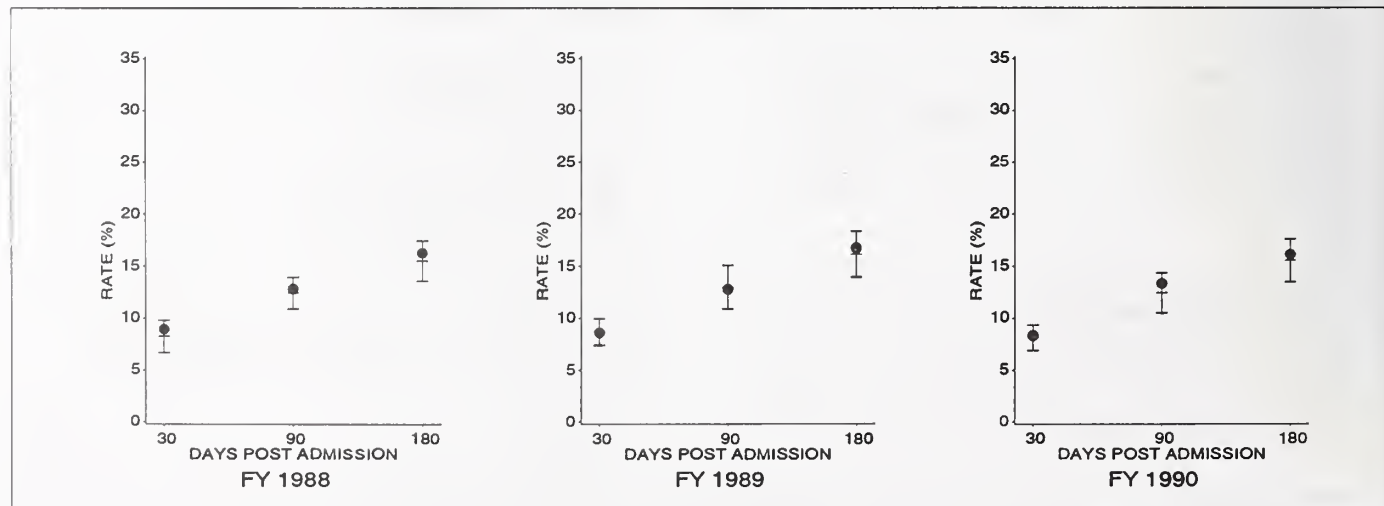
0 N 025 WINFIELD ROAD  
WINFIELD, IL 60190  
Medicare Provider Number: 140242

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2122            | 8.3                 | 8.1  | 0.6   | 13.3    | 12.4 | 1.0   | 16.1     | 15.5 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 24.4                | 26.2 | ----- | 31.1    | 28.9 | ----- | 31.1     | 31.3 | ----- |
| Congestive Heart Failure.....              | 118             | 14.4                | 12.5 | 3.5   | 23.7    | 19.7 | 4.7   | 29.7     | 25.7 | 5.0   |
| Pneumonia/Influenza.....                   | 96              | 16.7                | 14.9 | 6.5   | 26.0    | 20.3 | 7.8   | 27.1     | 23.8 | 8.5   |
| Chronic Obstructive Pulmonary Disease..... | 30              | 0.0                 | 8.1  | ----- | 3.3     | 13.4 | ----- | 3.3      | 17.2 | ----- |
| Transient Cerebral Ischemia.....           | 31              | 3.2                 | 1.7  | ----- | 6.5     | 3.9  | ----- | 9.7      | 6.4  | ----- |
| Stroke.....                                | 82              | 13.4                | 18.3 | 4.6   | 18.3    | 23.9 | 5.5   | 20.7     | 27.4 | 5.4   |
| Hip Fracture.....                          | 65              | 9.2                 | 6.9  | 3.7   | 9.2     | 11.6 | 4.3   | 10.8     | 15.0 | 5.4   |
| Sepsis.....                                | 30              | 20.0                | 23.0 | ----- | 26.7    | 30.0 | ----- | 30.0     | 34.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 29              | 0.0                 | 4.1  | ----- | 0.0     | 4.9  | ----- | 0.0      | 5.7  | ----- |
| Coronary Artery Bypass Graft.....          | 36              | 5.6                 | 6.0  | ----- | 8.3     | 7.9  | ----- | 8.3      | 8.6  | ----- |
| Initial Pacemaker Insertion.....           | 23              | 0.0                 | 2.9  | ----- | 4.3     | 5.7  | ----- | 8.7      | 8.3  | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 0.9  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.3  | ----- |
| Hip Replacement/Reconstruction.....        | 75              | 4.0                 | 2.2  | 2.3   | 4.0     | 3.8  | 2.2   | 4.0      | 5.1  | 2.8   |
| Open Reduction of Hip Fracture.....        | 31              | 3.2                 | 6.6  | ----- | 3.2     | 11.3 | ----- | 3.2      | 15.0 | ----- |
| Prostatectomy.....                         | 59              | 1.7                 | 0.7  | 1.4   | 3.4     | 1.6  | 2.5   | 5.1      | 2.7  | 3.3   |
| Cholecystectomy.....                       | 44              | 6.8                 | 3.5  | ----- | 9.1     | 6.7  | ----- | 9.1      | 8.8  | ----- |
| Hysterectomy.....                          | 24              | 0.0                 | 0.5  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CENTRAL DUPAGE HOSPITAL

Medicare Provider Number: 140242

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.4 years |
| Proportion female.....        | 59.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 56.6 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 33.7 % |
| Admitted for emergency.....                    | 48.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.4 %  |
| Chronic cardiovascular disease..... | 36.4 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 2.6 %  |
| Chronic pulmonary disease.....      | 11.5 % |
| Cerebrovascular degeneration.....   | 2.7 %  |
| Diabetes mellitus.....              | 6.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 77.6%  |
| State.....         | 18.1%  |
| Outside State..... | 4.3%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 8.2 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 338                 |
| Occupancy Rate.....       | 63.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 23.4 %              |
| Case Mix Index (CMI)..... | 1.4046              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 257    |
| Percent of Physicians Board<br>Certified Specialists..... | 75.1 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 564    |
| Licensed Practical Nurses.....                            | 1      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | Yes |
| Comprehensive Geriatric.....         | Yes |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | Yes |
| Medicare Swing Beds..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CENTREVILLE TOWNSHIP HOSPITAL

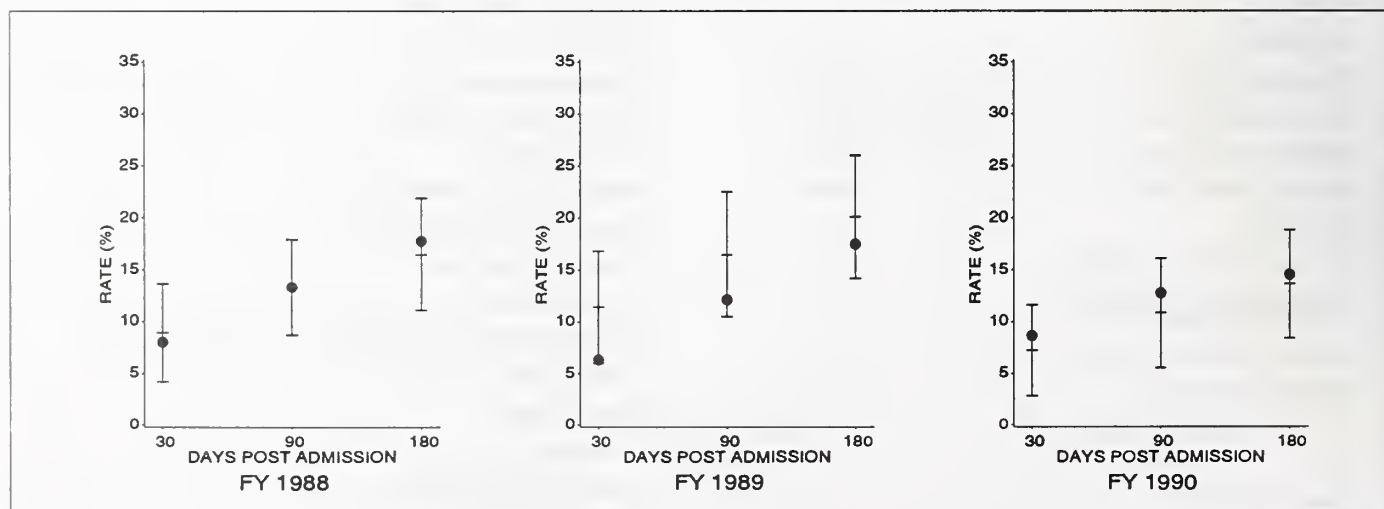
5900 BOND AVENUE  
CENTREVILLE, IL 62207  
Medicare Provider Number: 140077

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 221             | 8.6                 | 7.2  | 2.2   | 12.7    | 10.8 | 2.7   | 14.5     | 13.6 | 2.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4               | 0.0                 | 26.9 | ----- | 0.0     | 29.8 | ----- | 0.0      | 32.3 | ----- |
| Congestive Heart Failure.....              | 27              | 22.2                | 11.3 | ----- | 33.3    | 17.9 | ----- | 33.3     | 23.0 | ----- |
| Pneumonia/Influenza.....                   | 14              | 28.6                | 14.0 | ----- | 28.6    | 18.4 | ----- | 28.6     | 21.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 4.5  | ----- | 25.0    | 7.6  | ----- | 25.0     | 10.7 | ----- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 2.8  | ----- | 0.0     | 6.3  | ----- | 12.5     | 9.9  | ----- |
| Stroke.....                                | 10              | 20.0                | 18.6 | ----- | 20.0    | 24.9 | ----- | 40.0     | 28.7 | ----- |
| Hip Fracture.....                          | 1               | 0.0                 | 1.0  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 1.0  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.1  | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 1               | 0.0                 | 1.7  | ----- | 0.0     | 4.5  | ----- | 0.0      | 8.1  | ----- |
| Cholecystectomy.....                       | 2               | 0.0                 | 3.4  | ----- | 0.0     | 4.8  | ----- | 0.0      | 5.8  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CENTREVILLE TOWNSHIP HOSPITAL

Medicare Provider Number: 140077

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 68.4 years  
Proportion female..... 55.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.9 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 31.7 %  
Admitted for emergency..... 64.7 %

### COMORBIDITIES:

Cancer..... 4.5 %  
Chronic cardiovascular disease..... 33.9 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 6.8 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 10.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.2%  
State ..... 3.8%  
Outside State ..... 3.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 104  
Occupancy Rate ..... 39.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 8.6 %  
Case Mix Index (CMI) ..... 1.0373

### STAFFING:

Total Number of Physicians..... 59  
Percent of Physicians Board  
Certified Specialists..... 28.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 63  
Licensed Practical Nurses ..... 23

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CGH MEDICAL CENTER

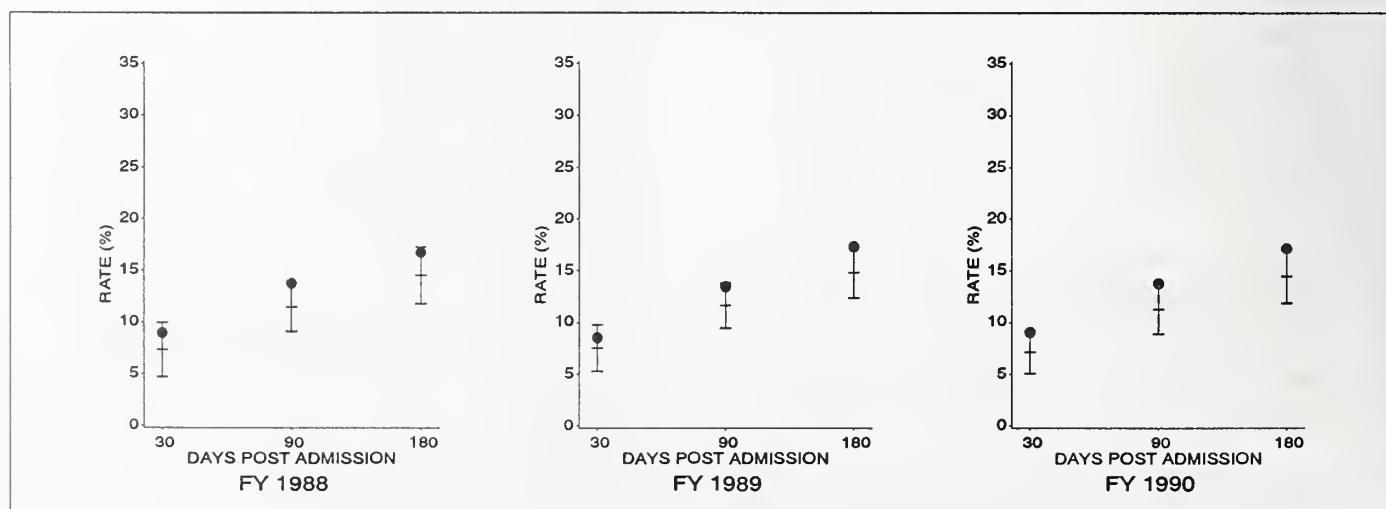
1601 FIRST AVENUE  
STERLING, IL 61081  
Medicare Provider Number: 140043

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1377               | 9.0                 | 7.1  | 1.0  | 13.7    | 11.2 | 1.2  | 17.1     | 14.4 | 1.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 37                 | 35.1                | 24.3 | ---- | 37.8    | 27.2 | ---- | 43.2     | 30.0 | ---- |
| Congestive Heart Failure.....              | 107                | 16.8                | 13.3 | 5.1  | 23.4    | 21.6 | 5.4  | 29.0     | 27.9 | 4.5  |
| Pneumonia/Influenza.....                   | 82                 | 14.6                | 11.3 | 4.1  | 17.1    | 15.9 | 4.7  | 23.2     | 19.1 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 11                 | 0.0                 | 4.5  | ---- | 0.0     | 8.0  | ---- | 0.0      | 11.2 | ---- |
| Transient Cerebral Ischemia.....           | 29                 | 0.0                 | 1.4  | ---- | 0.0     | 3.3  | ---- | 3.4      | 5.6  | ---- |
| Stroke.....                                | 56                 | 19.6                | 14.7 | 7.7  | 23.2    | 20.6 | 6.4  | 28.6     | 24.4 | 6.6  |
| Hip Fracture.....                          | 44                 | 4.5                 | 4.7  | ---- | 18.2    | 8.5  | ---- | 22.7     | 11.4 | ---- |
| Sepsis.....                                | 14                 | 28.6                | 25.2 | ---- | 42.9    | 33.7 | ---- | 42.9     | 39.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 1.6  | ---- | 0.0     | 3.7  | ---- | 0.0      | 6.1  | ---- |
| Carotid Endarterectomy.....                | 4                  | 0.0                 | 1.7  | ---- | 0.0     | 3.1  | ---- | 0.0      | 4.7  | ---- |
| Hip Replacement/Reconstruction.....        | 32                 | 3.1                 | 1.6  | ---- | 6.3     | 3.2  | ---- | 9.4      | 4.6  | ---- |
| Open Reduction of Hip Fracture.....        | 18                 | 11.1                | 4.0  | ---- | 16.7    | 7.4  | ---- | 16.7     | 10.1 | ---- |
| Prostatectomy.....                         | 35                 | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 2.2  | ---- |
| Cholecystectomy.....                       | 21                 | 9.5                 | 1.8  | ---- | 14.3    | 3.3  | ---- | 14.3     | 4.5  | ---- |
| Hysterectomy.....                          | 6                  | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**CGH MEDICAL CENTER**  
Medicare Provider Number: 140043

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.6 years  
Proportion female..... 54.5 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 99.3 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 22.4 %  
Admitted for emergency..... 0.1 %

**COMORBIDITIES:**

Cancer..... 5.2 %  
Chronic cardiovascular disease..... 36.5 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 11.7 %  
Cerebrovascular degeneration..... 4.1 %  
Diabetes mellitus..... 7.3 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 84.8%  
State ..... 14.0%  
Outside State ..... 1.2%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 7.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 132  
Occupancy Rate ..... 61.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 39.9 %  
Case Mix Index (CMI) ..... 1.1516

**STAFFING:**

Total Number of Physicians..... 46  
Percent of Physicians Board  
Certified Specialists..... 73.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 152  
Licensed Practical Nurses ..... 36

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# CHICAGO OSTEOPATHIC MEDICAL CENTER

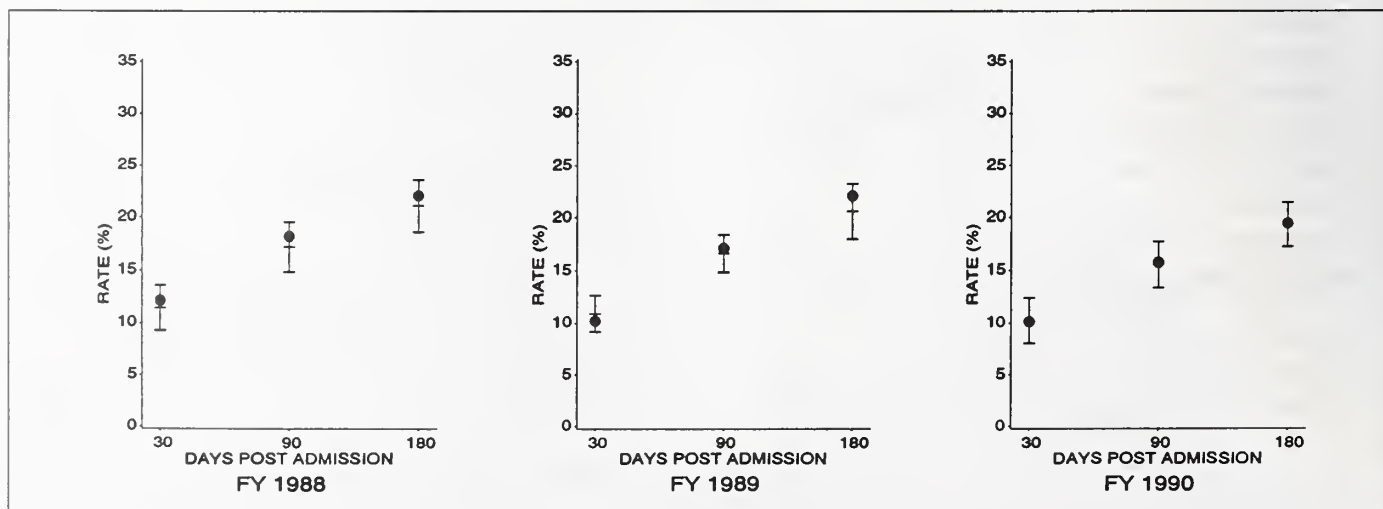
5200 S ELLIS AVENUE  
CHICAGO, IL 60615  
Medicare Provider Number: 140172

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2129            | 10.1                | 10.2 | 1.1   | 15.7    | 15.5 | 1.1   | 19.4     | 19.3 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial infarction.....           | 41              | 29.3                | 26.6 | ----- | 31.7    | 29.4 | ----- | 31.7     | 31.9 | ----- |
| Congestive Heart Failure.....              | 138             | 9.4                 | 13.8 | 3.7   | 19.6    | 22.2 | 3.8   | 24.6     | 28.6 | 4.3   |
| Pneumonia/Influenza.....                   | 90              | 17.8                | 17.0 | 4.1   | 22.2    | 23.0 | 4.5   | 26.7     | 26.8 | 5.7   |
| Chronic Obstructive Pulmonary Disease..... | 28              | 10.7                | 7.0  | ----- | 10.7    | 13.1 | ----- | 14.3     | 17.8 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 0.0                 | 2.0  | ----- | 0.0     | 4.4  | ----- | 4.5      | 6.9  | ----- |
| Stroke.....                                | 76              | 23.7                | 21.2 | 5.9   | 27.6    | 27.8 | 6.0   | 34.2     | 31.6 | 6.2   |
| Hip Fracture.....                          | 33              | 6.1                 | 6.1  | ----- | 6.1     | 11.1 | ----- | 9.1      | 14.8 | ----- |
| Sepsis.....                                | 53              | 17.0                | 28.7 | 8.0   | 30.2    | 36.9 | 7.6   | 39.6     | 41.3 | 6.9   |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 24              | 0.0                 | 2.7  | ----- | 0.0     | 3.5  | ----- | 0.0      | 4.4  | ----- |
| Coronary Artery Bypass Graft.....          | 26              | 7.7                 | 5.5  | ----- | 7.7     | 8.0  | ----- | 7.7      | 9.1  | ----- |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 3.4  | ----- | 9.1     | 7.1  | ----- | 9.1      | 10.4 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.6  | ----- | 0.0     | 3.0  | ----- | 0.0      | 4.4  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 4.2                 | 3.5  | ----- | 4.2     | 6.1  | ----- | 4.2      | 7.8  | ----- |
| Open Reduction of Hip Fracture.....        | 23              | 4.3                 | 5.4  | ----- | 4.3     | 10.1 | ----- | 8.7      | 13.6 | ----- |
| Prostatectomy.....                         | 68              | 0.0                 | 1.2  | 2.5   | 2.9     | 2.7  | 2.0   | 2.9      | 4.6  | 2.7   |
| Cholecystectomy.....                       | 27              | 3.7                 | 1.7  | ----- | 7.4     | 2.7  | ----- | 11.1     | 3.5  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 2.3  | ----- | 0.0     | 4.9  | ----- | 0.0      | 7.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CHICAGO OSTEOPATHIC MEDICAL CENTER

Medicare Provider Number: 140172

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.7 years  
Proportion female..... 59.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.9 %  
Transferred from skilled nursing facility..... 3.4 %  
Admitted for elective procedure..... 3.6 %  
Admitted for emergency..... 61.7 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 35.1 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 6.6 %  
Chronic pulmonary disease..... 16.0 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 10.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.6%  
State ..... 9.6%  
Outside State ..... 2.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 512  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.4299

### STAFFING:

Medical Residents/Interns ..... 4  
Registered Nurses..... 224  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

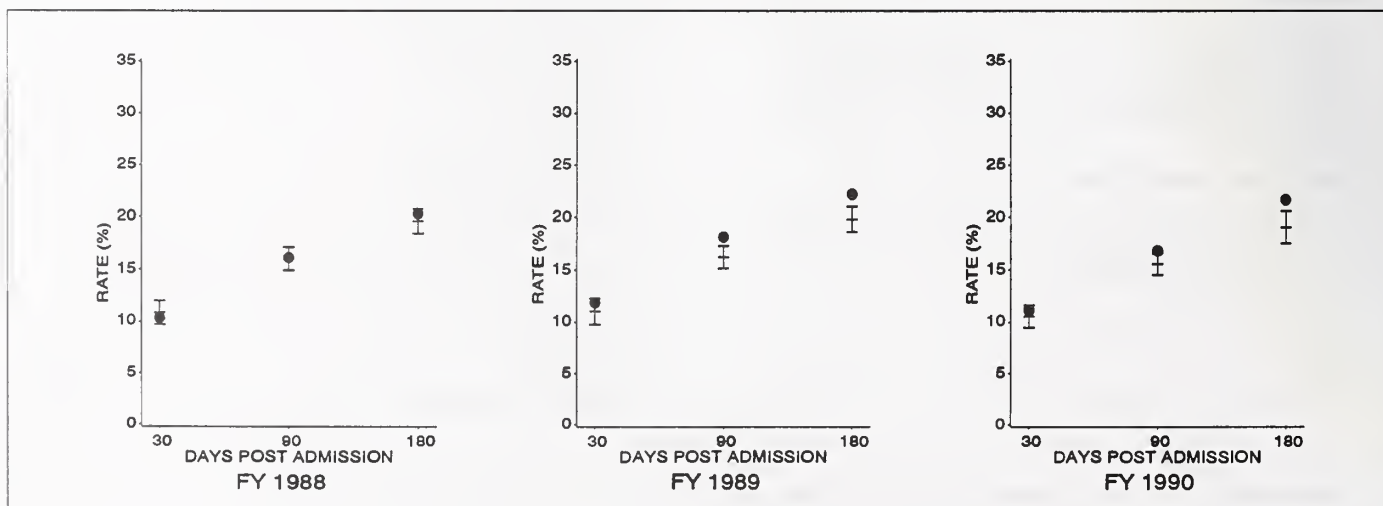
**CHRIST HOSPITAL**  
4440 W 95TH STREET  
OAK LAWN, IL 60453  
Medicare Provider Number: 140208

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 5521            | 11.1                | 10.5 | 0.5   | 16.8    | 15.5 | 0.5   | 21.6     | 19.0 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 239             | 18.8                | 27.9 | 4.0   | 23.0    | 30.7 | 3.9   | 28.5     | 33.3 | 4.1   |
| Congestive Heart Failure.....              | 307             | 13.4                | 14.1 | 2.0   | 23.8    | 22.3 | 2.6   | 32.6     | 28.6 | 3.3   |
| Pneumonia/Influenza.....                   | 244             | 19.7                | 15.4 | 3.6   | 26.2    | 20.9 | 3.4   | 30.3     | 24.8 | 3.6   |
| Chronic Obstructive Pulmonary Disease..... | 76              | 11.8                | 9.8  | 4.6   | 18.4    | 16.4 | 7.8   | 27.6     | 21.3 | 9.0   |
| Transient Cerebral Ischemia.....           | 107             | 1.9                 | 1.8  | 1.3   | 3.7     | 4.0  | 2.1   | 6.5      | 6.3  | 3.4   |
| Stroke.....                                | 239             | 19.2                | 20.8 | 4.3   | 27.2    | 26.9 | 4.0   | 31.8     | 30.5 | 3.7   |
| Hip Fracture.....                          | 170             | 6.5                 | 7.0  | 2.0   | 11.2    | 12.0 | 2.7   | 14.7     | 15.3 | 2.8   |
| Sepsis.....                                | 116             | 31.0                | 28.5 | 5.5   | 39.7    | 35.9 | 4.9   | 48.3     | 40.6 | 5.7   |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 75              | 0.0                 | 4.6  | 5.0   | 0.0     | 5.7  | 5.7   | 1.3      | 6.7  | 5.1   |
| Coronary Artery Bypass Graft.....          | 158             | 2.5                 | 6.9  | 2.9   | 4.4     | 9.5  | 3.4   | 6.3      | 10.6 | 3.5   |
| Initial Pacemaker Insertion.....           | 37              | 2.7                 | 2.8  | ----- | 5.4     | 5.1  | ----- | 10.8     | 7.2  | ----- |
| Carotid Endarterectomy.....                | 17              | 0.0                 | 0.9  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.9  | ----- |
| Hip Replacement/Reconstruction.....        | 98              | 4.1                 | 4.5  | 2.1   | 6.1     | 8.2  | 3.1   | 10.2     | 10.7 | 3.2   |
| Open Reduction of Hip Fracture.....        | 87              | 6.9                 | 6.1  | 2.6   | 11.5    | 10.9 | 3.4   | 14.9     | 14.2 | 4.5   |
| Prostatectomy.....                         | 114             | 0.0                 | 0.9  | 1.4   | 2.6     | 2.1  | 1.5   | 5.3      | 3.5  | 2.3   |
| Cholecystectomy.....                       | 85              | 2.4                 | 2.6  | 1.7   | 3.5     | 4.7  | 2.7   | 5.9      | 6.2  | 2.7   |
| Hysterectomy.....                          | 49              | 0.0                 | 1.3  | ----- | 2.0     | 2.9  | ----- | 2.0      | 4.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



**CHRIST HOSPITAL**  
Medicare Provider Number: 140208

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.7 years  
Proportion female..... 57.5 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 39.2 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 20.1 %  
Admitted for emergency..... 56.9 %

**COMORBIDITIES:**

Cancer..... 9.4 %  
Chronic cardiovascular disease..... 39.8 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.7 %  
Chronic pulmonary disease..... 12.8 %  
Cerebrovascular degeneration..... 4.1 %  
Diabetes mellitus..... 7.7 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 96.7%  
State ..... 1.8%  
Outside State ..... 1.5%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 9.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 824  
Occupancy Rate ..... 70.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 29.1 %  
Case Mix Index (CMI) ..... 1.4297

**STAFFING:**

Total Number of Physicians..... 323  
Percent of Physicians Board  
Certified Specialists ..... 85.8 %  
Medical Residents/Interns ..... 61  
Registered Nurses..... 859  
Licensed Practical Nurses ..... 30

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CLAY COUNTY HOSPITAL

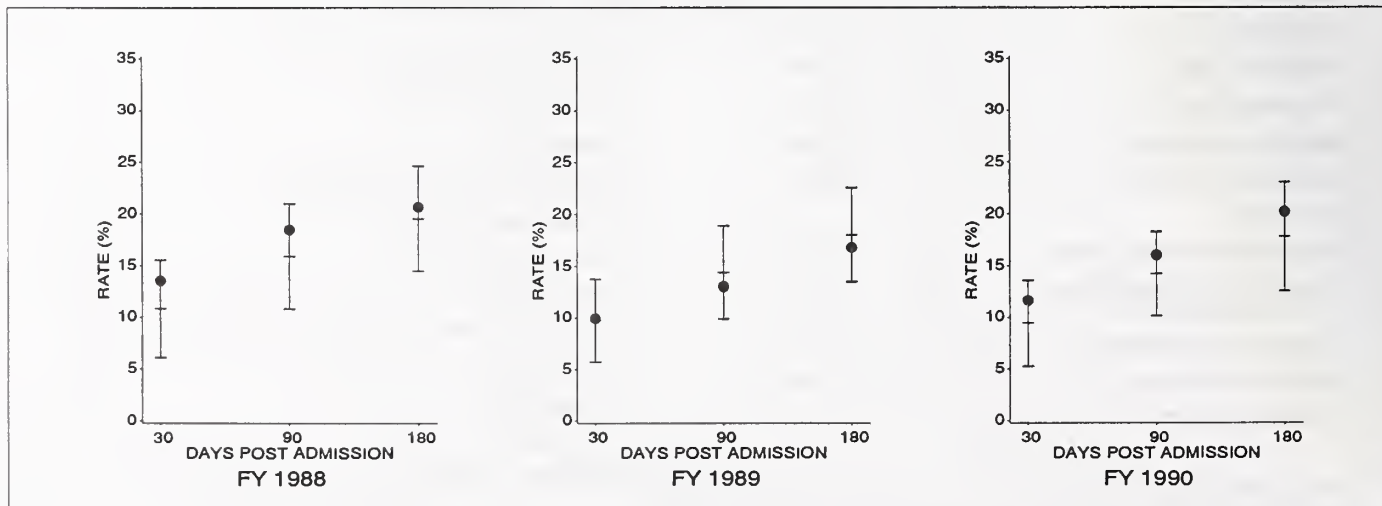
700 N MILL ST  
FLORA, IL 62839  
Medicare Provider Number: 140016

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 337             | 11.6                | 9.4  | 2.1   | 16.0    | 14.2 | 2.0   | 20.2     | 17.8 | 2.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8               | 37.5                | 28.5 | ----- | 37.5    | 31.6 | ----- | 37.5     | 34.3 | ----- |
| Congestive Heart Failure.....              | 23              | 26.1                | 16.9 | ----- | 34.8    | 26.9 | ----- | 39.1     | 33.8 | ----- |
| Pneumonia/Influenza.....                   | 22              | 15.6                | 14.7 | ----- | 18.8    | 20.0 | ----- | 31.3     | 24.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 0.0                 | 6.0  | ----- | 0.0     | 10.4 | ----- | 0.0      | 14.0 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 2.7  | ----- | 0.0     | 6.3  | ----- | 20.0     | 10.4 | ----- |
| Stroke.....                                | 30              | 10.0                | 19.0 | ----- | 20.0    | 25.4 | ----- | 26.7     | 29.6 | ----- |
| Hip Fracture.....                          | 2               | 0.0                 | 2.9  | ----- | 0.0     | 6.4  | ----- | 0.0      | 9.1  | ----- |
| Sepsis.....                                | 7               | 57.1                | 24.1 | ----- | 57.1    | 28.0 | ----- | 57.1     | 32.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 2.2  | ----- | 0.0     | 4.7  | ----- | 0.0      | 6.5  | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 4               | 0.0                 | 2.4  | ----- | 25.0    | 4.6  | ----- | 25.0     | 5.8  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CLAY COUNTY HOSPITAL

Medicare Provider Number: 140016

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.6 years  
Proportion female..... 58.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 99.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 99.1 %

### COMORBIDITIES:

Cancer..... 3.0 %  
Chronic cardiovascular disease..... 42.4 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 0.9 %  
Chronic pulmonary disease..... 26.4 %  
Cerebrovascular degeneration..... 6.8 %  
Diabetes mellitus..... 8.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 73.5%  
State ..... 24.1%  
Outside State ..... 2.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 40  
Occupancy Rate ..... 35.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 43.4 %  
Case Mix Index (CMI) ..... 1.0055

### STAFFING:

Total Number of Physicians..... 10  
Percent of Physicians Board  
Certified Specialists..... 70.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 24  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# COLUMBUS HOSPITAL

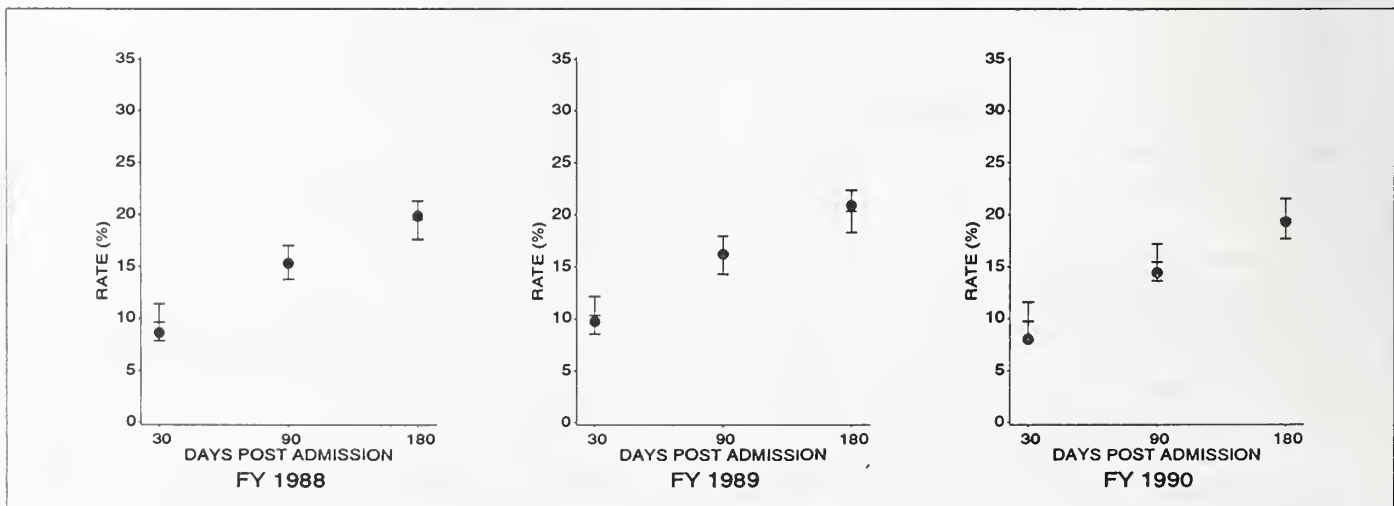
2520 N LAKEVIEW AVENUE  
CHICAGO, IL 60614  
Medicare Provider Number: 140090

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1773            | 8.0                 | 9.7  | 0.9  | 14.4    | 15.4 | 0.9  | 19.3     | 19.6 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 38              | 31.6                | 33.6 | ---- | 36.8    | 37.0 | ---- | 39.5     | 39.8 | ---- |
| Congestive Heart Failure.....              | 73              | 13.7                | 14.7 | 4.3  | 23.3    | 23.9 | 7.7  | 37.0     | 30.4 | 9.2  |
| Pneumonia/Influenza.....                   | 111             | 13.5                | 17.2 | 5.1  | 18.9    | 23.4 | 7.0  | 26.1     | 27.4 | 7.4  |
| Chronic Obstructive Pulmonary Disease..... | 24              | 4.2                 | 10.3 | ---- | 12.5    | 17.7 | ---- | 20.8     | 22.8 | ---- |
| Transient Cerebral Ischemia.....           | 28              | 3.6                 | 2.1  | ---- | 7.1     | 4.8  | ---- | 10.7     | 7.9  | ---- |
| Stroke.....                                | 59              | 10.2                | 17.2 | 7.6  | 15.3    | 23.2 | 7.9  | 22.0     | 27.2 | 6.8  |
| Hip Fracture.....                          | 29              | 0.0                 | 6.7  | ---- | 6.9     | 11.7 | ---- | 10.3     | 15.2 | ---- |
| Sepsis.....                                | 30              | 33.3                | 26.8 | ---- | 46.7    | 34.6 | ---- | 53.3     | 39.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 5               | 0.0                 | 3.5  | ---- | 0.0     | 4.4  | ---- | 0.0      | 5.4  | ---- |
| Coronary Artery Bypass Graft.....          | 16              | 6.3                 | 4.5  | ---- | 6.3     | 6.1  | ---- | 6.3      | 6.9  | ---- |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 13.2 | ---- | 0.0     | 21.4 | ---- | 0.0      | 26.1 | ---- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.1  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.3  | ---- |
| Hip Replacement/Reconstruction.....        | 12              | 0.0                 | 4.3  | ---- | 8.3     | 8.3  | ---- | 8.3      | 11.6 | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 0.0                 | 5.2  | ---- | 0.0     | 9.3  | ---- | 6.7      | 12.5 | ---- |
| Prostatectomy.....                         | 48              | 2.1                 | 1.2  | ---- | 4.2     | 2.8  | ---- | 6.3      | 4.8  | ---- |
| Cholecystectomy.....                       | 15              | 13.3                | 3.8  | ---- | 26.7    | 6.5  | ---- | 26.7     | 8.3  | ---- |
| Hysterectomy.....                          | 12              | 16.7                | 1.9  | ---- | 16.7    | 4.5  | ---- | 16.7     | 7.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**COLUMBUS HOSPITAL**  
Medicare Provider Number: 140090

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.6 years  
Proportion female..... 61.5 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 50.6 %  
Transferred from skilled nursing facility..... 1.2 %  
Admitted for elective procedure..... 18.0 %  
Admitted for emergency..... 44.0 %

**COMORBIDITIES:**

Cancer..... 8.0 %  
Chronic cardiovascular disease..... 30.5 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 4.9 %  
Chronic pulmonary disease..... 9.6 %  
Cerebrovascular degeneration..... 8.1 %  
Diabetes mellitus..... 7.4 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 92.0%  
State ..... 3.7%  
Outside State ..... 4.3%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 10.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 329  
Occupancy Rate ..... 72.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 33.7 %  
Case Mix Index (CMI) ..... 1.3248

**STAFFING:**

Total Number of Physicians..... 297  
Percent of Physicians Board  
Certified Specialists..... 76.4 %  
Medical Residents/Interns ..... 56  
Registered Nurses..... 191  
Licensed Practical Nurses ..... 21

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL OF OTTAWA

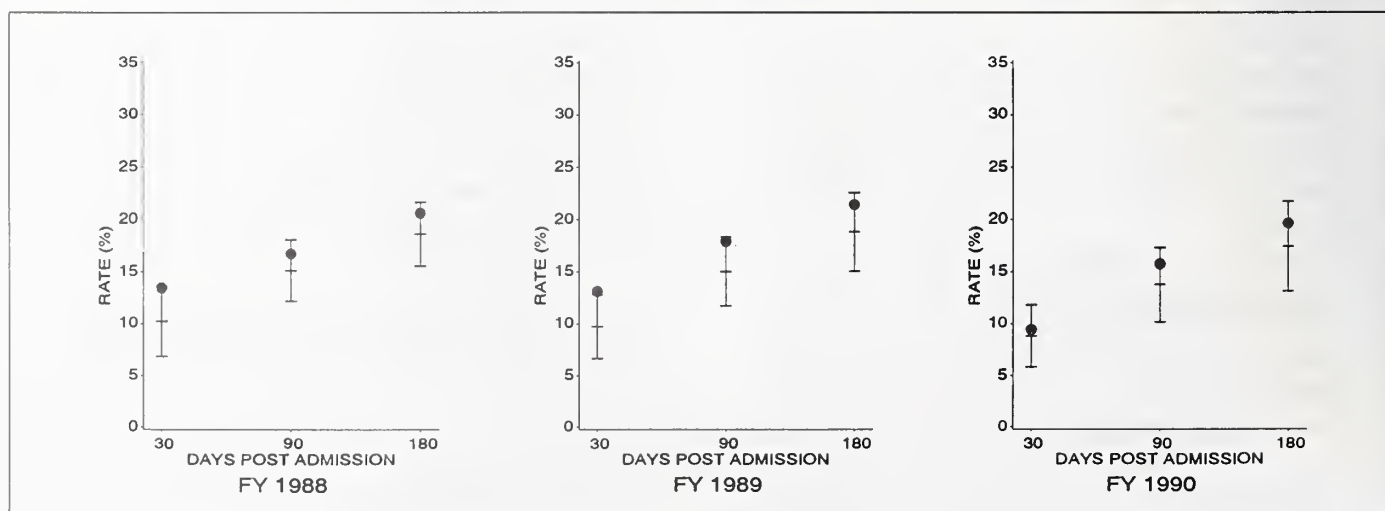
1100 EAST NORRIS DRIVE  
OTTAWA, IL 61350  
Medicare Provider Number: 140110

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 800             | 9.4                 | 8.8  | 1.5   | 15.7    | 13.7 | 1.8   | 19.6     | 17.4 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13              | 23.1                | 34.2 | ----- | 30.8    | 36.8 | ----- | 30.8     | 39.1 | ----- |
| Congestive Heart Failure.....              | 49              | 14.3                | 14.0 | ----- | 24.5    | 22.0 | ----- | 32.7     | 28.1 | ----- |
| Pneumonia/Influenza.....                   | 33              | 18.2                | 13.7 | ----- | 21.2    | 18.8 | ----- | 21.2     | 22.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 12              | 16.7                | 10.1 | ----- | 16.7    | 17.4 | ----- | 16.7     | 22.9 | ----- |
| Transient Cerebral Ischemia.....           | 9               | 11.1                | 2.2  | ----- | 11.1    | 5.4  | ----- | 11.1     | 9.1  | ----- |
| Stroke.....                                | 23              | 21.7                | 17.1 | ----- | 34.8    | 25.7 | ----- | 43.5     | 30.8 | ----- |
| Hip Fracture.....                          | 31              | 12.9                | 6.2  | ----- | 16.1    | 11.1 | ----- | 16.1     | 14.4 | ----- |
| Sepsis.....                                | 15              | 26.7                | 25.2 | ----- | 46.7    | 32.5 | ----- | 53.3     | 37.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 4.1  | ----- | 0.0     | 7.5  | ----- | 33.3     | 10.1 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.9  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.6  | ----- |
| Hip Replacement/Reconstruction.....        | 21              | 4.8                 | 3.7  | ----- | 9.5     | 7.0  | ----- | 9.5      | 9.4  | ----- |
| Open Reduction of Hip Fracture.....        | 17              | 17.6                | 6.0  | ----- | 17.6    | 10.9 | ----- | 17.6     | 14.4 | ----- |
| Prostatectomy.....                         | 31              | 0.0                 | 0.9  | ----- | 6.5     | 2.0  | ----- | 6.5      | 3.5  | ----- |
| Cholecystectomy.....                       | 8               | 0.0                 | 0.9  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.0  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COMMUNITY HOSPITAL OF OTTAWA

Medicare Provider Number: 140110

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.1 years |
| Proportion female.....        | 55.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.4 % |
| Transferred from skilled nursing facility..... | 1.1 %  |
| Admitted for elective procedure.....           | 34.5 % |
| Admitted for emergency.....                    | 10.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.4 %  |
| Chronic cardiovascular disease..... | 35.5 % |
| Chronic liver disease.....          | 1.3 %  |
| Chronic renal disease.....          | 3.0 %  |
| Chronic pulmonary disease.....      | 15.1 % |
| Cerebrovascular degeneration.....   | 4.3 %  |
| Diabetes mellitus.....              | 8.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.7%  |
| State .....         | 4.7%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 155                 |
| Occupancy Rate .....       | 35.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 35.1 %              |
| Case Mix Index (CMI) ..... | 1.1955              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 52     |
| Percent of Physicians Board<br>Certified Specialists ..... | 63.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 118    |
| Licensed Practical Nurses .....                            | 3      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY MEMORIAL HOSPITAL

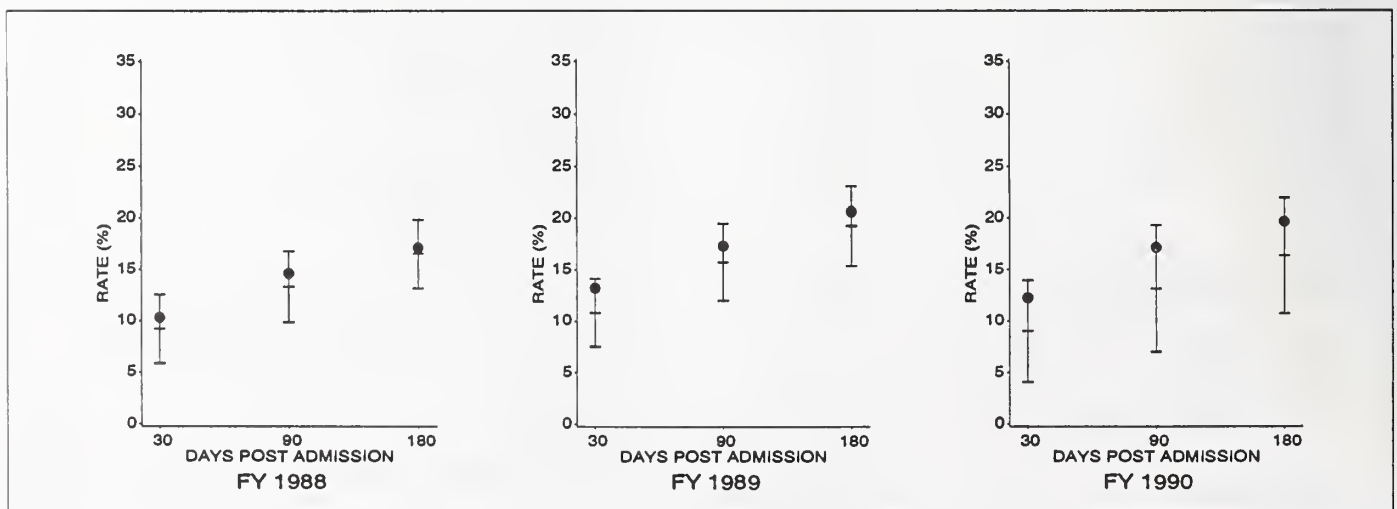
1000 W HARLEM AVE  
MONMOUTH, IL 61462  
Medicare Provider Number: 140047

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 403                | 12.2                | 9.0  | 2.5  | 17.1    | 13.1 | 3.1  | 19.6     | 16.3 | 2.8  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 17                 | 29.4                | 24.1 | ---- | 35.3    | 26.9 | ---- | 35.3     | 29.5 | ---- |
| Congestive Heart Failure.....              | 28                 | 28.6                | 15.2 | ---- | 32.1    | 23.8 | ---- | 35.7     | 30.5 | ---- |
| Pneumonia/Influenza.....                   | 42                 | 19.0                | 15.7 | ---- | 26.2    | 21.1 | ---- | 33.3     | 24.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2                  | 50.0                | 3.4  | ---- | 50.0    | 6.2  | ---- | 50.0     | 8.8  | ---- |
| Transient Cerebral Ischemia.....           | 9                  | 0.0                 | 1.2  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.9  | ---- |
| Stroke.....                                | 21                 | 14.3                | 20.0 | ---- | 33.3    | 25.9 | ---- | 38.1     | 29.9 | ---- |
| Hip Fracture.....                          | 15                 | 26.7                | 6.4  | ---- | 33.3    | 10.9 | ---- | 33.3     | 14.6 | ---- |
| Sepsis.....                                | 3                  | 0.0                 | 24.1 | ---- | 0.0     | 29.2 | ---- | 0.0      | 32.1 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1                  | 0.0                 | 11.8 | ---- | 0.0     | 20.7 | ---- | 100.0    | 27.3 | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 9                  | 22.2                | 2.4  | ---- | 22.2    | 4.3  | ---- | 22.2     | 6.0  | ---- |
| Open Reduction of Hip Fracture.....        | 9                  | 22.2                | 5.7  | ---- | 22.2    | 10.4 | ---- | 22.2     | 14.2 | ---- |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.9  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.5  | ---- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 2.5  | ---- | 8.3     | 4.6  | ---- | 16.7     | 6.2  | ---- |
| Hysterectomy.....                          | 5                  | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140047

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.6 years |
| Proportion female.....        | 60.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 56.8 % |
| Transferred from skilled nursing facility..... | 1.7 %  |
| Admitted for elective procedure.....           | 8.2 %  |
| Admitted for emergency.....                    | 40.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.0 %  |
| Chronic cardiovascular disease..... | 33.7 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.5 %  |
| Chronic pulmonary disease.....      | 10.9 % |
| Cerebrovascular degeneration.....   | 3.0 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 85.6%  |
| State .....         | 13.3%  |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 68               |
| Occupancy Rate .....       | 47.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 50.2 %           |
| Case Mix Index (CMI) ..... | 1.0819           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 20     |
| Percent of Physicians Board<br>Certified Specialists ..... | 70.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 35     |
| Licensed Practical Nurses .....                            | 11     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY MEMORIAL HOSPITAL

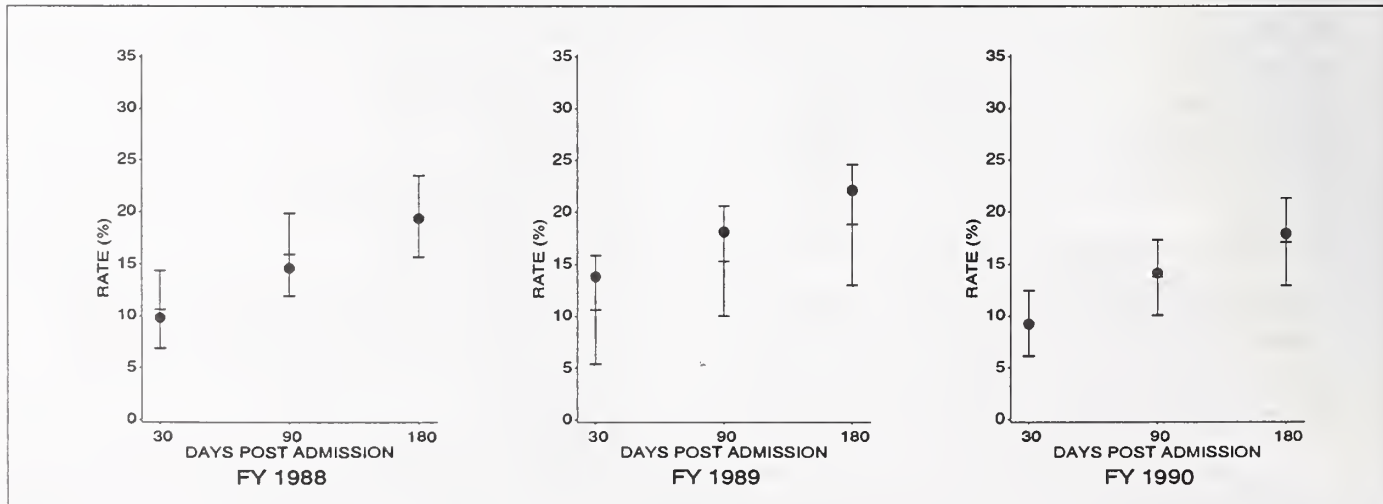
216 W PENNSYLVANIA  
STAUNTON, IL 62088  
Medicare Provider Number: 140086

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 368                | 9.2                 | 9.3  | 1.6   | 14.1    | 13.7 | 1.8   | 17.9     | 17.1 | 2.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21                 | 23.8                | 27.4 | ----- | 23.8    | 30.4 | ----- | 33.3     | 33.3 | ----- |
| Congestive Heart Failure.....              | 22                 | 9.1                 | 16.1 | ----- | 18.2    | 24.8 | ----- | 18.2     | 30.8 | ----- |
| Pneumonia/Influenza.....                   | 33                 | 24.2                | 14.2 | ----- | 30.3    | 20.0 | ----- | 33.3     | 23.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 8.3  | ----- | 0.0     | 14.0 | ----- | 0.0      | 18.3 | ----- |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 1.0  | ----- | 0.0     | 2.4  | ----- | 0.0      | 4.2  | ----- |
| Stroke.....                                | 8                  | 12.5                | 16.6 | ----- | 37.5    | 24.2 | ----- | 37.5     | 28.6 | ----- |
| Hip Fracture.....                          | 10                 | 10.0                | 7.8  | ----- | 30.0    | 13.8 | ----- | 30.0     | 18.1 | ----- |
| Sepsis.....                                | 6                  | 33.3                | 26.3 | ----- | 33.3    | 34.4 | ----- | 33.3     | 38.5 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3                  | 33.3                | 6.1  | ----- | 33.3    | 8.8  | ----- | 33.3     | 12.3 | ----- |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 2                  | 0.0                 | 5.9  | ----- | 50.0    | 10.5 | ----- | 50.0     | 13.3 | ----- |
| Open Reduction of Hip Fracture.....        | 4                  | 25.0                | 4.9  | ----- | 25.0    | 10.0 | ----- | 25.0     | 14.4 | ----- |
| Prostatectomy.....                         | 9                  | 0.0                 | 1.9  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.6  | ----- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 2.0  | ----- | 0.0     | 3.8  | ----- | 0.0      | 4.9  | ----- |
| Hysterectomy.....                          | 1                  | 0.0                 | 0.7  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140086

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.9 years |
| Proportion female.....        | 56.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 48.6 % |
| Transferred from skilled nursing facility..... | 2.2 %  |
| Admitted for elective procedure.....           | 1.9 %  |
| Admitted for emergency.....                    | 44.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.3 %  |
| Chronic cardiovascular disease..... | 39.1 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 3.5 %  |
| Chronic pulmonary disease.....      | 9.5 %  |
| Cerebrovascular degeneration.....   | 4.6 %  |
| Diabetes mellitus.....              | 5.2 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 79.5%  |
| State .....         | 19.0%  |
| Outside State ..... | 1.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.8 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 58                  |
| Occupancy Rate .....       | 20.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 59.4 %              |
| Case Mix Index (CMI) ..... | 1.0376              |

### STAFFING:

|                                                           |         |
|-----------------------------------------------------------|---------|
| Total Number of Physicians.....                           | 24      |
| Percent of Physicians Board<br>Certified Specialists..... | 100.0 % |
| Medical Residents/Interns .....                           | 0       |
| Registered Nurses.....                                    | 31      |
| Licensed Practical Nurses.....                            | 11      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CONDELL MEMORIAL HOSPITAL

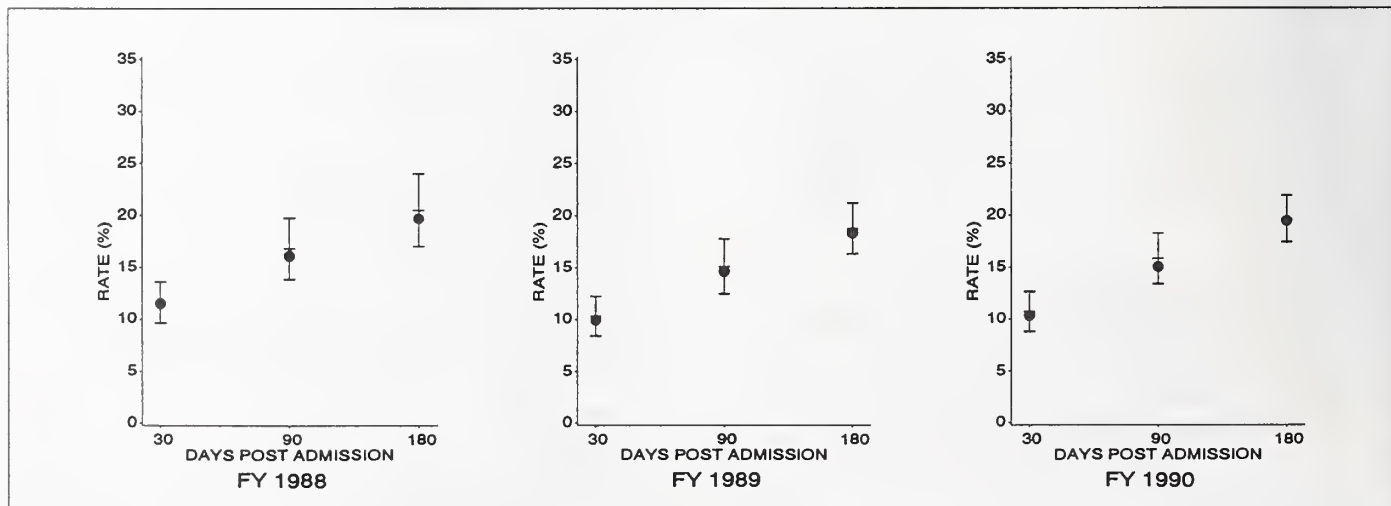
900 GARFIELD  
LIBERTYVILLE, IL 60048  
Medicare Provider Number: 140202

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1306            | 10.3                | 10.7 | 1.0   | 15.0    | 15.8 | 1.2   | 19.4     | 19.6 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 38              | 36.8                | 27.1 | ----- | 39.5    | 29.5 | ----- | 44.7     | 32.1 | ----- |
| Congestive Heart Failure.....              | 98              | 19.4                | 13.8 | 4.8   | 23.5    | 21.1 | 4.4   | 30.6     | 27.0 | 5.0   |
| Pneumonia/Influenza.....                   | 92              | 13.0                | 16.2 | 5.7   | 20.7    | 22.0 | 4.6   | 26.1     | 25.8 | 4.6   |
| Chronic Obstructive Pulmonary Disease..... | 32              | 9.4                 | 9.4  | ----- | 15.6    | 15.9 | ----- | 18.8     | 20.7 | ----- |
| Transient Cerebral Ischemia.....           | 26              | 0.0                 | 1.4  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.1  | ----- |
| Stroke.....                                | 58              | 20.7                | 22.6 | 6.9   | 24.1    | 28.1 | 8.6   | 25.9     | 31.5 | 8.7   |
| Hip Fracture.....                          | 39              | 10.3                | 7.2  | ----- | 12.8    | 12.5 | ----- | 20.5     | 16.0 | ----- |
| Sepsis.....                                | 22              | 27.3                | 28.1 | ----- | 31.8    | 35.7 | ----- | 40.9     | 40.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 15              | 6.7                 | 4.1  | ----- | 20.0    | 8.2  | ----- | 26.7     | 11.6 | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.5  | ----- | 0.0     | 2.6  | ----- | 0.0      | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 19              | 5.3                 | 3.7  | ----- | 10.5    | 6.9  | ----- | 21.1     | 9.3  | ----- |
| Open Reduction of Hip Fracture.....        | 20              | 15.0                | 7.5  | ----- | 15.0    | 13.3 | ----- | 20.0     | 17.1 | ----- |
| Prostatectomy.....                         | 27              | 0.0                 | 1.5  | ----- | 3.7     | 3.7  | ----- | 3.7      | 6.5  | ----- |
| Cholecystectomy.....                       | 13              | 7.7                 | 5.0  | ----- | 30.8    | 8.3  | ----- | 30.8     | 10.0 | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CONDELL MEMORIAL HOSPITAL

Medicare Provider Number: 140202

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.5 years |
| Proportion female.....        | 60.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 37.0 % |
| Transferred from skilled nursing facility..... | 1.9 %  |
| Admitted for elective procedure.....           | 12.7 % |
| Admitted for emergency.....                    | 58.2 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.0 %  |
| Chronic cardiovascular disease..... | 44.7 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 19.6 % |
| Cerebrovascular degeneration.....   | 4.2 %  |
| Diabetes mellitus.....              | 10.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 86.5%  |
| State.....         | 8.9%   |
| Outside State..... | 4.6%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 8.1 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 175                 |
| Occupancy Rate.....       | 65.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 29.2 %              |
| Case Mix Index (CMI)..... | 1.1962              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 123    |
| Percent of Physicians Board<br>Certified Specialists..... | 89.4 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 222    |
| Licensed Practical Nurses.....                            | 1      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | Yes |
| Medicare Swing Beds..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# COOK COUNTY HOSPITAL

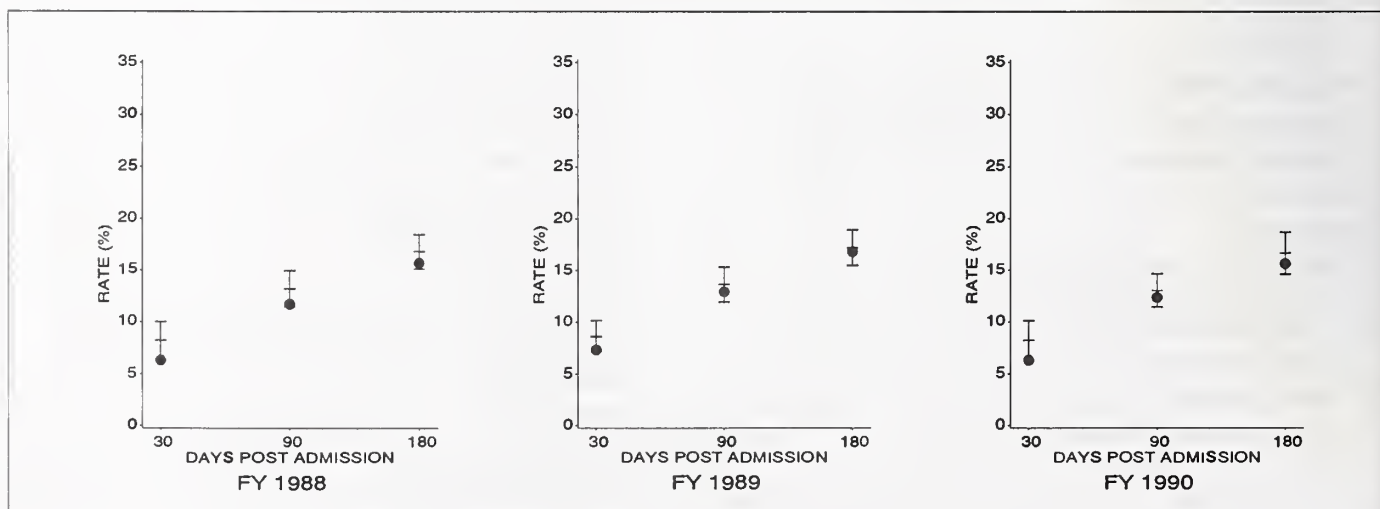
1825 W HARRISON ST  
CHICAGO, IL 60612  
Medicare Provider Number: 140124

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1986            | 6.3                 | 8.2  | 0.9   | 12.3    | 13.0 | 0.8   | 15.6     | 16.6 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 32              | 18.8                | 25.9 | ----- | 28.1    | 28.6 | ----- | 34.4     | 31.0 | ----- |
| Congestive Heart Failure.....              | 157             | 5.7                 | 12.0 | 3.9   | 12.1    | 19.5 | 4.6   | 17.8     | 25.0 | 4.8   |
| Pneumonia/Influenza.....                   | 55              | 5.5                 | 11.1 | 6.6   | 5.5     | 16.0 | 7.9   | 7.3      | 19.1 | 8.4   |
| Chronic Obstructive Pulmonary Disease..... | 10              | 20.0                | 12.3 | ----- | 20.0    | 19.6 | ----- | 30.0     | 24.9 | ----- |
| Transient Cerebral Ischemia.....           | 24              | 0.0                 | 1.4  | ----- | 0.0     | 3.2  | ----- | 4.2      | 5.2  | ----- |
| Stroke.....                                | 60              | 13.3                | 16.4 | 7.8   | 20.0    | 21.8 | 6.4   | 21.7     | 24.9 | 6.1   |
| Hip Fracture.....                          | 11              | 18.2                | 7.5  | ----- | 27.3    | 13.6 | ----- | 45.5     | 17.2 | ----- |
| Sepsis.....                                | 7               | 57.1                | 24.6 | ----- | 57.1    | 31.5 | ----- | 57.1     | 35.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.0  | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.5  | ----- | 0.0     | 2.7  | ----- | 0.0      | 3.9  | ----- |
| Hip Replacement/Reconstruction.....        | 8               | 0.0                 | 1.8  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.8  | ----- |
| Open Reduction of Hip Fracture.....        | 8               | 12.5                | 7.3  | ----- | 25.0    | 13.7 | ----- | 37.5     | 17.8 | ----- |
| Prostatectomy.....                         | 24              | 4.2                 | 1.9  | ----- | 8.3     | 4.2  | ----- | 8.3      | 6.9  | ----- |
| Cholecystectomy.....                       | 20              | 0.0                 | 2.7  | ----- | 15.0    | 6.0  | ----- | 20.0     | 8.8  | ----- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.4  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COOK COUNTY HOSPITAL

Medicare Provider Number: 140124

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 67.8 years |
| Proportion female.....        | 50.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 0.5 %  |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 17.3 % |
| Admitted for emergency.....                    | 81.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.4 %  |
| Chronic cardiovascular disease..... | 32.5 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 9.2 %  |
| Chronic pulmonary disease.....      | 12.6 % |
| Cerebrovascular degeneration.....   | 4.4 %  |
| Diabetes mellitus.....              | 12.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 97.2%  |
| State .....         | 0.8%   |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 951              |
| Occupancy Rate .....       | 69.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 10.5 %           |
| Case Mix Index (CMI) ..... | 1.1350           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 358    |
| Percent of Physicians Board<br>Certified Specialists ..... | 84.9 % |
| Medical Residents/Interns .....                            | 481    |
| Registered Nurses.....                                     | 1180   |
| Licensed Practical Nurses.....                             | 244    |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | Yes |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# COPLEY MEMORIAL HOSPITAL

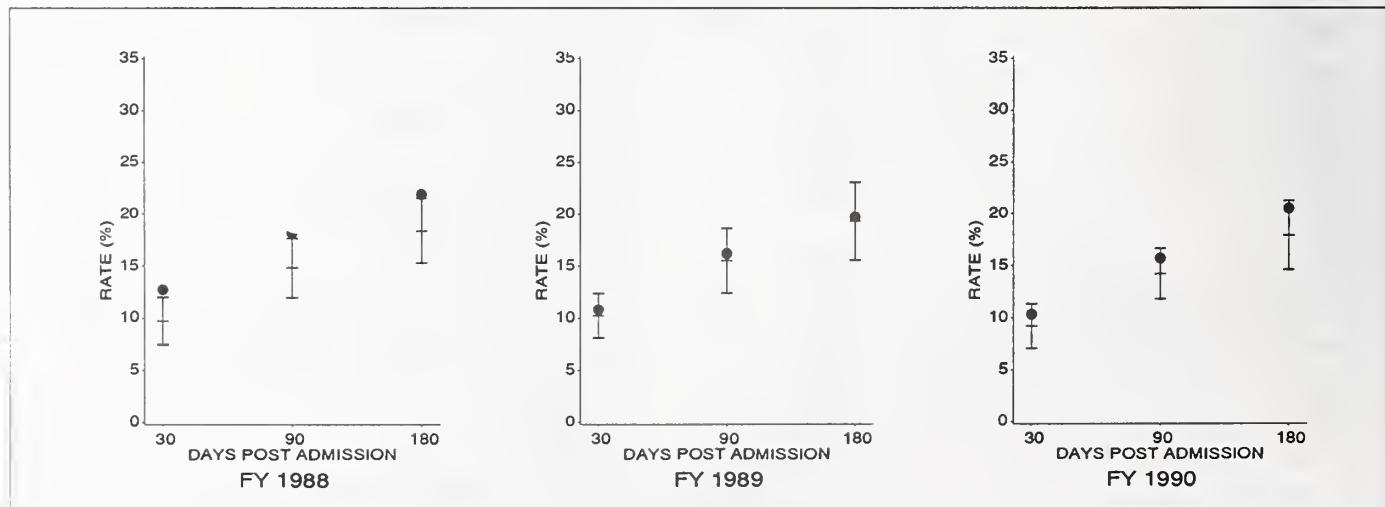
502 SOUTH LINCOLN AVENUE  
AURORA, IL 60507  
Medicare Provider Number: 140029

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1266            | 10.3                | 9.2  | 1.1   | 15.7    | 14.2 | 1.2   | 20.5     | 17.9 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31              | 22.6                | 25.1 | ----- | 32.3    | 28.0 | ----- | 45.2     | 30.9 | ----- |
| Congestive Heart Failure.....              | 57              | 22.8                | 12.9 | 6.2   | 33.3    | 20.3 | 7.8   | 36.8     | 26.3 | 9.2   |
| Pneumonia/Influenza.....                   | 64              | 25.0                | 16.8 | 9.3   | 32.8    | 23.0 | 11.3  | 35.9     | 27.2 | 11.7  |
| Chronic Obstructive Pulmonary Disease..... | 15              | 6.7                 | 6.8  | ----- | 13.3    | 11.7 | ----- | 26.7     | 15.4 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 2.5  | ----- | 0.0     | 5.5  | ----- | 10.0     | 8.4  | ----- |
| Stroke.....                                | 47              | 17.0                | 18.7 | ----- | 29.8    | 24.6 | ----- | 36.2     | 28.4 | ----- |
| Hip Fracture.....                          | 34              | 8.8                 | 6.8  | ----- | 11.8    | 11.7 | ----- | 14.7     | 15.4 | ----- |
| Sepsis.....                                | 10              | 10.0                | 25.0 | ----- | 20.0    | 34.7 | ----- | 50.0     | 40.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 2               | 50.0                | 6.0  | ----- | 50.0    | 7.8  | ----- | 50.0     | 8.4  | ----- |
| Initial Pacemaker Insertion.....           | 23              | 8.7                 | 3.5  | ----- | 21.7    | 6.3  | ----- | 21.7     | 8.7  | ----- |
| Carotid Endarterectomy.....                | 15              | 0.0                 | 1.4  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 44              | 4.5                 | 2.7  | ----- | 6.8     | 5.0  | ----- | 9.1      | 6.8  | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 9.1                 | 4.9  | ----- | 9.1     | 9.1  | ----- | 18.2     | 12.9 | ----- |
| Prostatectomy.....                         | 42              | 0.0                 | 0.9  | ----- | 0.0     | 2.0  | ----- | 4.8      | 3.5  | ----- |
| Cholecystectomy.....                       | 26              | 3.8                 | 1.8  | ----- | 3.8     | 3.2  | ----- | 7.7      | 4.4  | ----- |
| Hysterectomy.....                          | 18              | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 5.6      | 2.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COPLEY MEMORIAL HOSPITAL

Medicare Provider Number: 140029

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 55.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 58.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 11.9 %  
Admitted for emergency..... 41.4 %

### COMORBIDITIES:

Cancer..... 9.9 %  
Chronic cardiovascular disease..... 35.6 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 6.1 %  
Chronic pulmonary disease..... 16.8 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 9.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 74.2%  
State ..... 23.8%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 192  
Occupancy Rate ..... 41.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 34.5 %  
Case Mix Index (CMI) ..... 1.3349

### STAFFING:

Total Number of Physicians..... 156  
Percent of Physicians Board  
Certified Specialists ..... 82.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 161  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COVENANT MEDICAL CENTER-CHAMPAIGN

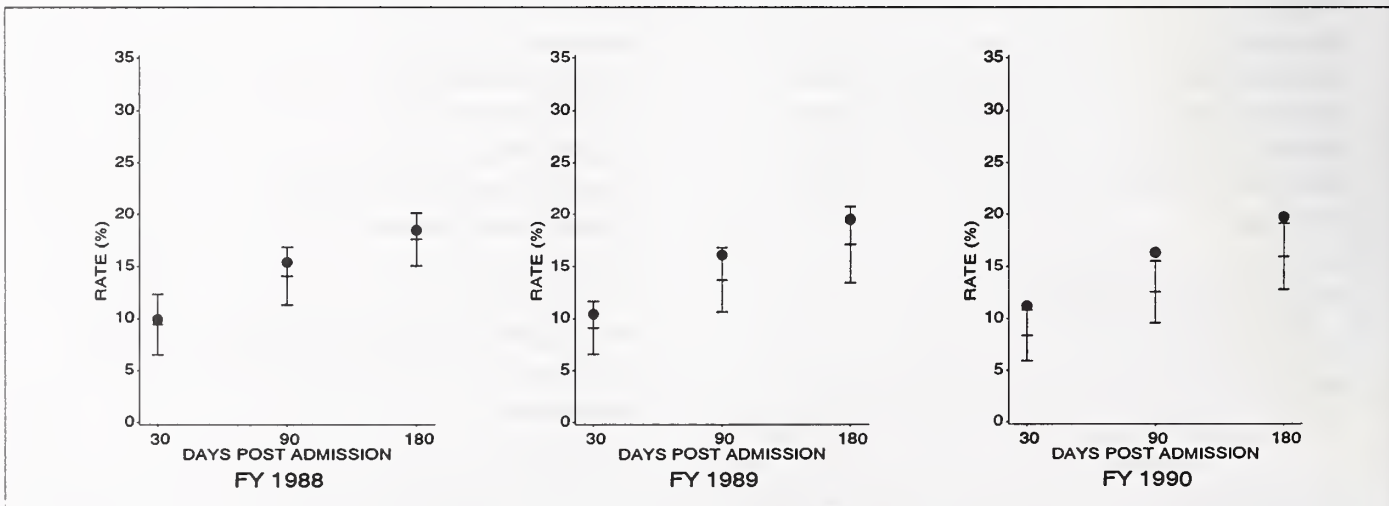
407 S 4TH ST  
CHAMPAIGN, IL 61820  
Medicare Provider Number: 140126

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1033            | 11.2                | 8.3  | 1.2  | 16.3    | 12.5 | 1.5  | 19.7     | 15.9 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 22              | 27.3                | 24.7 | ---- | 27.3    | 27.3 | ---- | 27.3     | 29.9 | ---- |
| Congestive Heart Failure.....              | 66              | 16.7                | 13.2 | 5.6  | 25.8    | 21.0 | 7.4  | 33.3     | 27.0 | 8.1  |
| Pneumonia/Influenza.....                   | 35              | 8.6                 | 13.2 | ---- | 17.1    | 18.6 | ---- | 22.9     | 22.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 17              | 5.9                 | 8.1  | ---- | 5.9     | 13.4 | ---- | 5.9      | 17.5 | ---- |
| Transient Cerebral Ischemia.....           | 25              | 4.0                 | 2.3  | ---- | 4.0     | 5.0  | ---- | 8.0      | 8.0  | ---- |
| Stroke.....                                | 42              | 28.6                | 18.7 | ---- | 38.1    | 24.9 | ---- | 40.5     | 28.9 | ---- |
| Hip Fracture.....                          | 35              | 8.6                 | 5.1  | ---- | 8.6     | 9.2  | ---- | 14.3     | 12.0 | ---- |
| Sepsis.....                                | 4               | 25.0                | 27.0 | ---- | 50.0    | 32.7 | ---- | 50.0     | 37.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 2               | 0.0                 | 0.9  | ---- | 0.0     | 1.2  | ---- | 0.0      | 1.7  | ---- |
| Coronary Artery Bypass Graft.....          | 24              | 16.7                | 5.7  | ---- | 20.8    | 8.8  | ---- | 20.8     | 10.3 | ---- |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 3.2  | ---- | 0.0     | 6.5  | ---- | 0.0      | 9.8  | ---- |
| Carotid Endarterectomy.....                | 28              | 0.0                 | 1.2  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.6  | ---- |
| Hip Replacement/Reconstruction.....        | 19              | 5.3                 | 3.4  | ---- | 5.3     | 6.4  | ---- | 15.8     | 8.5  | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 20.0                | 6.1  | ---- | 20.0    | 11.2 | ---- | 20.0     | 14.7 | ---- |
| Prostatectomy.....                         | 14              | 0.0                 | 1.0  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.3  | ---- |
| Cholecystectomy.....                       | 14              | 7.1                 | 4.8  | ---- | 7.1     | 8.4  | ---- | 14.3     | 11.4 | ---- |
| Hysterectomy.....                          | 10              | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COVENANT MEDICAL CENTER-CHAMPAIGN

Medicare Provider Number: 140126

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.1 years  
Proportion female..... 56.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.6 %  
Transferred from skilled nursing facility..... 3.1 %  
Admitted for elective procedure..... 35.6 %  
Admitted for emergency..... 4.8 %

### COMORBIDITIES:

Cancer..... 5.1 %  
Chronic cardiovascular disease..... 37.3 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 19.3 %  
Cerebrovascular degeneration..... 1.5 %  
Diabetes mellitus..... 7.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 63.3%  
State ..... 34.6%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 207  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 1.4346

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 78  
Licensed Practical Nurses..... 25

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used In calculating mortality rates

# COVENANT MEDICAL CENTER-URBANA

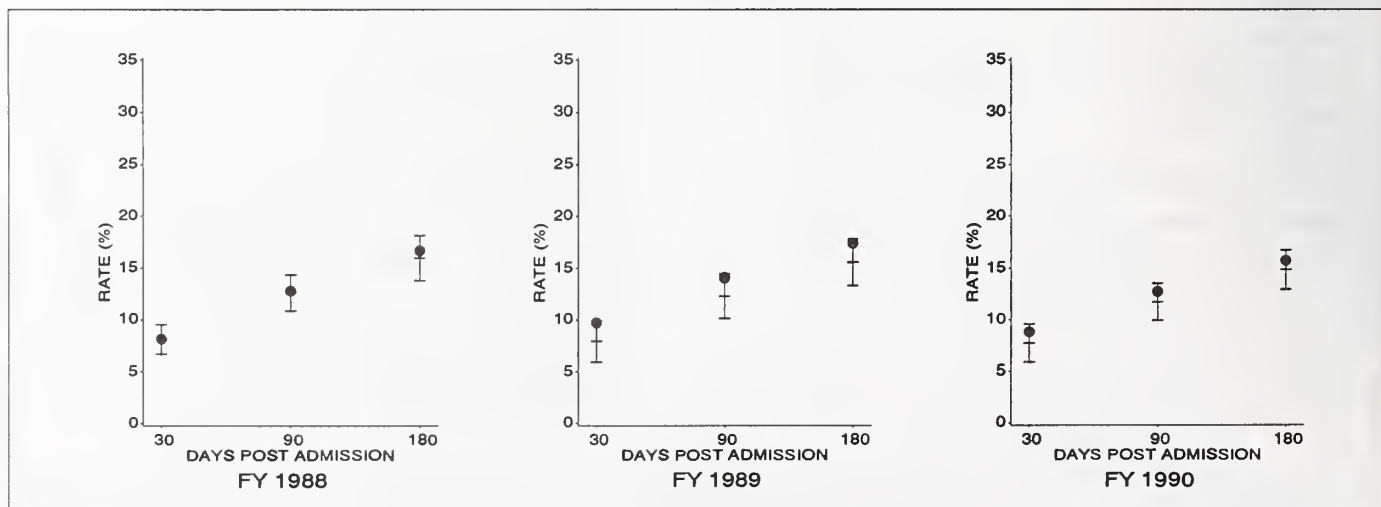
1400 WEST PARK AVENUE  
URBANA, IL 61801  
Medicare Provider Number: 140113

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1564            | 8.8                 | 7.7  | 0.9   | 12.7    | 11.7 | 0.9   | 15.7     | 14.8 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 59              | 37.3                | 27.8 | 7.2   | 37.3    | 30.3 | 6.7   | 40.7     | 33.0 | 7.3   |
| Congestive Heart Failure.....              | 64              | 15.6                | 13.3 | 6.1   | 23.4    | 20.8 | 5.3   | 26.6     | 26.9 | 5.6   |
| Pneumonia/Influenza.....                   | 55              | 14.5                | 12.1 | 5.8   | 16.4    | 17.3 | 6.4   | 18.2     | 20.8 | 6.0   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 14.8                | 7.9  | ----- | 18.5    | 14.1 | ----- | 18.5     | 19.1 | ----- |
| Transient Cerebral Ischemia.....           | 27              | 0.0                 | 1.5  | ----- | 0.0     | 3.2  | ----- | 0.0      | 5.1  | ----- |
| Stroke.....                                | 39              | 12.8                | 19.7 | ----- | 15.4    | 25.3 | ----- | 17.9     | 29.1 | ----- |
| Hip Fracture.....                          | 50              | 14.0                | 8.2  | ----- | 16.0    | 14.7 | ----- | 20.0     | 19.1 | ----- |
| Sepsis.....                                | 7               | 28.6                | 27.9 | ----- | 28.6    | 34.4 | ----- | 28.6     | 38.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 27              | 3.7                 | 3.8  | ----- | 3.7     | 4.5  | ----- | 3.7      | 5.3  | ----- |
| Coronary Artery Bypass Graft.....          | 28              | 10.7                | 6.0  | ----- | 17.9    | 8.2  | ----- | 17.9     | 9.2  | ----- |
| Initial Pacemaker Insertion.....           | 16              | 6.3                 | 4.9  | ----- | 6.3     | 8.3  | ----- | 6.3      | 11.5 | ----- |
| Carotid Endarterectomy.....                | 27              | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 3.7      | 3.7  | ----- |
| Hip Replacement/Reconstruction.....        | 43              | 7.0                 | 3.1  | ----- | 7.0     | 5.6  | ----- | 7.0      | 7.4  | ----- |
| Open Reduction of Hip Fracture.....        | 20              | 10.0                | 7.0  | ----- | 10.0    | 12.8 | ----- | 20.0     | 16.9 | ----- |
| Prostatectomy.....                         | 61              | 0.0                 | 0.6  | 1.1   | 0.0     | 1.4  | 2.0   | 1.6      | 2.5  | 2.2   |
| Cholecystectomy.....                       | 26              | 0.0                 | 2.3  | ----- | 11.5    | 4.6  | ----- | 15.4     | 6.5  | ----- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COVENANT MEDICAL CENTER-URBANA

Medicare Provider Number: 140113

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.6 years  
Proportion female..... 56.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 57.2 %  
Transferred from skilled nursing facility..... 1.0 %  
Admitted for elective procedure..... 24.0 %  
Admitted for emergency..... 39.5 %

### COMORBIDITIES:

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 35.8 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 14.5 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 61.9%  
State ..... 35.8%  
Outside State ..... 2.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 399  
Occupancy Rate ..... 49.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.3257

### STAFFING:

Total Number of Physicians..... 129  
Percent of Physicians Board  
Certified Specialists ..... 57.4 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 315  
Licensed Practical Nurses ..... 35

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CRAWFORD MEMORIAL HOSPITAL

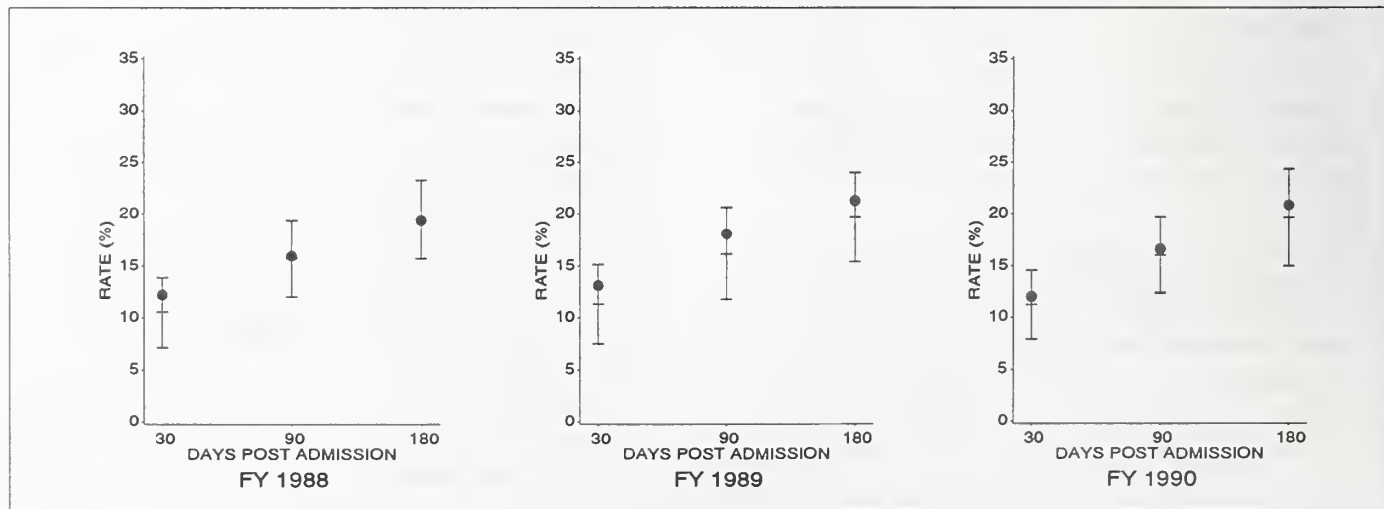
1000 N ALLEN  
ROBINSON, IL 62454  
Medicare Provider Number: 140190

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 518             | 12.0                | 11.2 | 1.7   | 16.6    | 16.0 | 1.8   | 20.8     | 19.6 | 2.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 18              | 61.1                | 32.9 | ----- | 61.1    | 36.3 | ----- | 61.1     | 39.5 | ----- |
| Congestive Heart Failure.....              | 24              | 25.0                | 18.3 | ----- | 33.3    | 29.1 | ----- | 33.3     | 35.7 | ----- |
| Pneumonia/Influenza.....                   | 56              | 7.1                 | 17.5 | 7.3   | 19.6    | 23.1 | 6.0   | 26.8     | 26.9 | 6.0   |
| Chronic Obstructive Pulmonary Disease..... | 9               | 0.0                 | 7.3  | ----- | 11.1    | 13.1 | ----- | 11.1     | 18.4 | ----- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.4  | ----- | 0.0     | 3.4  | ----- | 0.0      | 5.9  | ----- |
| Stroke.....                                | 33              | 30.3                | 22.7 | ----- | 39.4    | 28.9 | ----- | 48.5     | 32.9 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 9               | 33.3                | 17.8 | ----- | 33.3    | 23.1 | ----- | 33.3     | 27.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 9               | 0.0                 | 0.5  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.4  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.8  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CRAWFORD MEMORIAL HOSPITAL

Medicare Provider Number: 140190

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.2 years

Proportion female..... 61.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.3 %

Transferred from skilled nursing facility..... 6.0 %

Admitted for elective procedure..... 42.5 %

Admitted for emergency..... 54.4 %

### COMORBIDITIES:

Cancer..... 5.6 %

Chronic cardiovascular disease..... 33.0 %

Chronic liver disease..... 0.8 %

Chronic renal disease..... 2.5 %

Chronic pulmonary disease..... 14.3 %

Cerebrovascular degeneration..... 4.1 %

Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 78.8%

State ..... 18.9%

Outside State ..... 2.3%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.5 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 107

Occupancy Rate ..... 60.0 %

Ownership/Control..... District/Authority

Medicare Discharges ..... 38.7 %

Case Mix Index (CMI) ..... 1.0612

### STAFFING:

Total Number of Physicians..... 16

Percent of Physicians Board  
Certified Specialists ..... 68.8 %

Medical Residents/Interns ..... 0

Registered Nurses..... 44

Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... Yes

Hospice Care ..... No

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric ..... No

Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# CROSSROADS COMMUNITY HOSPITAL

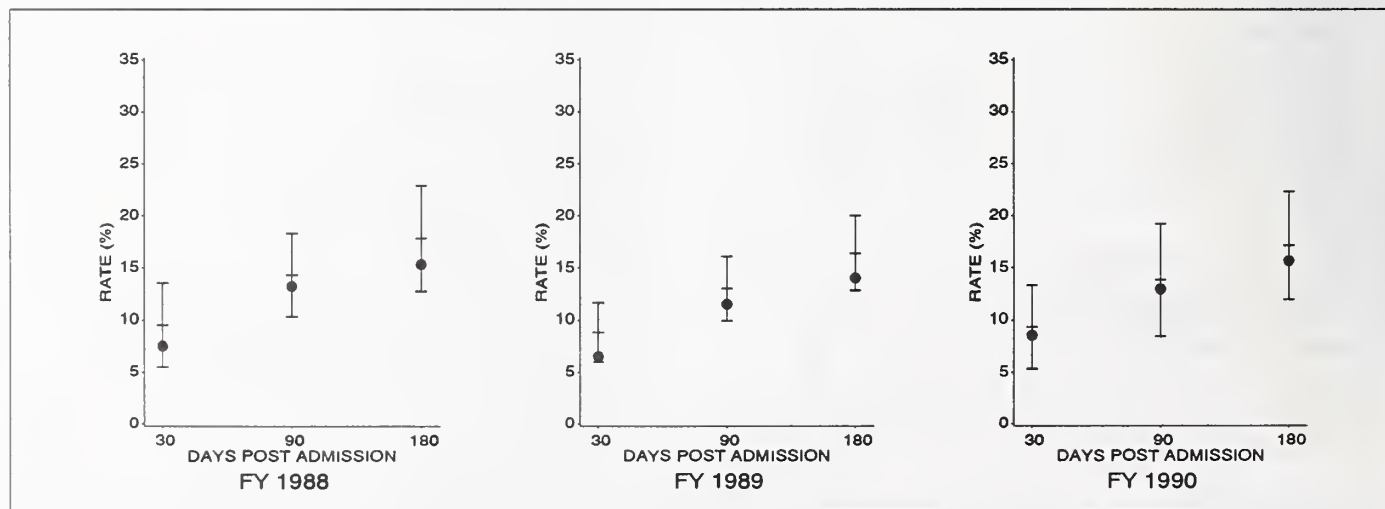
8 DOCTORS PARK ROAD  
MOUNT VERNON, IL 62864  
Medicare Provider Number: 140294

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 564             | 8.5                 | 9.3  | 2.0   | 12.9    | 13.8 | 2.7   | 15.6     | 17.1 | 2.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 11              | 27.3                | 38.3 | ----- | 36.4    | 41.2 | ----- | 36.4     | 44.3 | ----- |
| Congestive Heart Failure.....              | 34              | 14.7                | 15.8 | ----- | 17.6    | 25.1 | ----- | 29.4     | 32.1 | ----- |
| Pneumonia/Influenza.....                   | 30              | 10.0                | 16.6 | ----- | 16.7    | 22.7 | ----- | 16.7     | 26.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 7.8  | ----- | 7.1     | 13.8 | ----- | 21.4     | 19.2 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.7  | ----- | 0.0     | 4.3  | ----- | 0.0      | 7.4  | ----- |
| Stroke.....                                | 28              | 17.9                | 18.6 | ----- | 21.4    | 24.8 | ----- | 21.4     | 28.9 | ----- |
| Hip Fracture.....                          | 13              | 0.0                 | 5.7  | ----- | 0.0     | 9.8  | ----- | 0.0      | 12.6 | ----- |
| Sepsis.....                                | 15              | 33.3                | 33.2 | ----- | 53.3    | 41.3 | ----- | 53.3     | 46.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 6               | 0.0                 | 3.4  | ----- | 0.0     | 6.7  | ----- | 0.0      | 8.9  | ----- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 6.0  | ----- | 0.0     | 10.3 | ----- | 0.0      | 13.4 | ----- |
| Prostatectomy.....                         | 21              | 0.0                 | 1.0  | ----- | 0.0     | 2.4  | ----- | 4.8      | 4.3  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 0.8  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.4  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CROSSROADS COMMUNITY HOSPITAL

Medicare Provider Number: 140294

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.0 years |
| Proportion female.....        | 56.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 52.0 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 51.8 % |
| Admitted for emergency.....                    | 46.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.3 %  |
| Chronic cardiovascular disease..... | 38.1 % |
| Chronic liver disease.....          | 0.2 %  |
| Chronic renal disease.....          | 1.1 %  |
| Chronic pulmonary disease.....      | 11.9 % |
| Cerebrovascular degeneration.....   | 2.7 %  |
| Diabetes mellitus.....              | 11.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 78.1%  |
| State .....         | 18.9%  |
| Outside State ..... | 3.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 55                  |
| Occupancy Rate .....       | 45.0 %              |
| Ownership/Control.....     | Private, For Profit |
| Medicare Discharges .....  | 59.8 %              |
| Case Mix Index (CMI) ..... | 1.0635              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# DECATUR MEMORIAL HOSPITAL

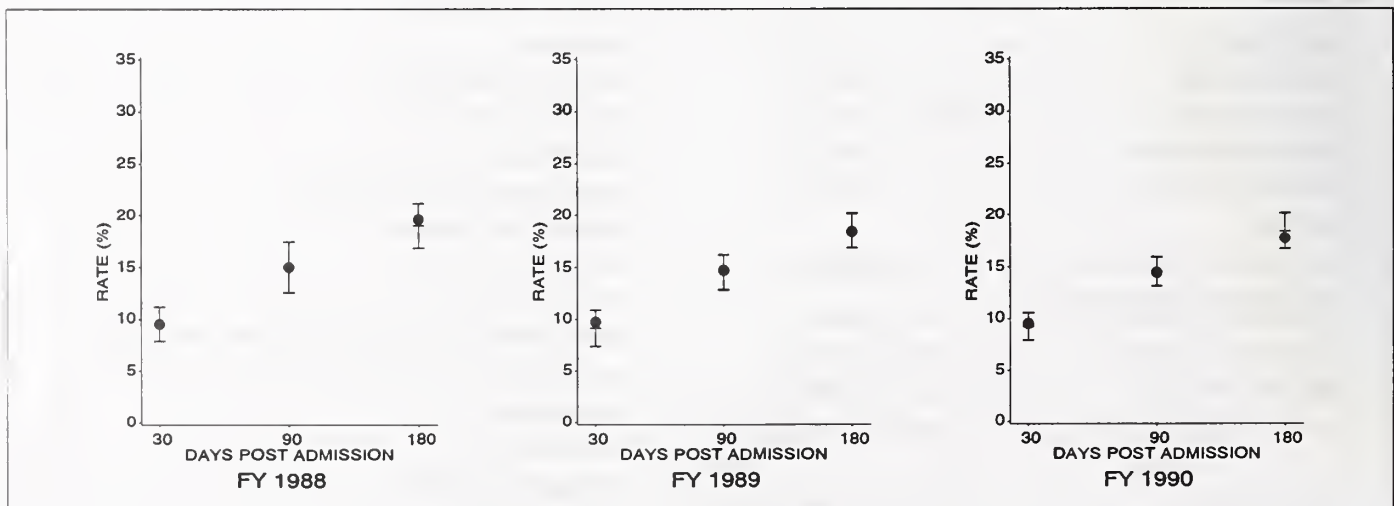
2300 NORTH EDWARD STREET  
DECATUR, IL 62526  
Medicare Provider Number: 140135

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2535            | 9.5                 | 9.2  | 0.7  | 14.4    | 14.5 | 0.7  | 17.7     | 18.4 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 57              | 36.8                | 26.7 | 9.2  | 40.4    | 29.5 | 9.6  | 43.9     | 32.2 | 10.2 |
| Congestive Heart Failure.....              | 154             | 14.9                | 14.3 | 2.9  | 20.8    | 22.5 | 4.0  | 27.9     | 28.5 | 3.7  |
| Pneumonia/Influenza.....                   | 102             | 14.7                | 15.2 | 3.6  | 17.6    | 20.9 | 4.3  | 23.5     | 24.9 | 5.3  |
| Chronic Obstructive Pulmonary Disease..... | 38              | 10.5                | 6.8  | ---- | 13.2    | 11.7 | ---- | 23.7     | 15.7 | ---- |
| Transient Cerebral Ischemia.....           | 54              | 0.0                 | 1.5  | 2.1  | 1.9     | 3.3  | 2.7  | 3.7      | 5.5  | 3.5  |
| Stroke.....                                | 82              | 22.0                | 20.2 | 4.7  | 29.3    | 27.3 | 5.2  | 31.7     | 31.4 | 5.2  |
| Hip Fracture.....                          | 67              | 7.5                 | 7.6  | 3.6  | 14.9    | 13.7 | 4.4  | 17.9     | 18.0 | 5.2  |
| Sepsis.....                                | 14              | 28.6                | 27.8 | ---- | 35.7    | 38.3 | ---- | 35.7     | 44.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 15              | 0.0                 | 2.7  | ---- | 6.7     | 6.4  | ---- | 6.7      | 10.4 | ---- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.5  | ---- | 0.0     | 2.7  | ---- | 0.0      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 43              | 0.0                 | 2.9  | ---- | 9.3     | 5.2  | ---- | 9.3      | 7.1  | ---- |
| Open Reduction of Hip Fracture.....        | 37              | 5.4                 | 7.5  | ---- | 10.8    | 13.8 | ---- | 13.5     | 18.3 | ---- |
| Prostatectomy.....                         | 88              | 1.1                 | 1.1  | 1.1  | 2.3     | 2.5  | 2.0  | 2.3      | 4.3  | 2.5  |
| Cholecystectomy.....                       | 34              | 8.8                 | 3.0  | ---- | 8.8     | 5.3  | ---- | 8.8      | 6.8  | ---- |
| Hysterectomy.....                          | 27              | 3.7                 | 0.9  | ---- | 3.7     | 2.1  | ---- | 3.7      | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DECATUR MEMORIAL HOSPITAL

Medicare Provider Number: 140135

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 58.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 46.3 %  
Transferred from skilled nursing facility..... 2.7 %  
Admitted for elective procedure..... 3.0 %  
Admitted for emergency..... 51.2 %

### COMORBIDITIES:

Cancer..... 10.6 %  
Chronic cardiovascular disease..... 32.2 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.4 %  
Chronic pulmonary disease..... 19.1 %  
Cerebrovascular degeneration..... 5.2 %  
Diabetes mellitus..... 5.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 81.4%  
State ..... 17.5%  
Outside State ..... 1.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 359  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 35.7 %  
Case Mix Index (CMI) ..... 1.1801

### STAFFING:

Total Number of Physicians..... 112  
Percent of Physicians Board  
Certified Specialists ..... 76.8 %  
Medical Residents/Interns ..... 4  
Registered Nurses..... 207  
Licensed Practical Nurses ..... 129

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# DELNOR COMMUNITY HOSPITAL

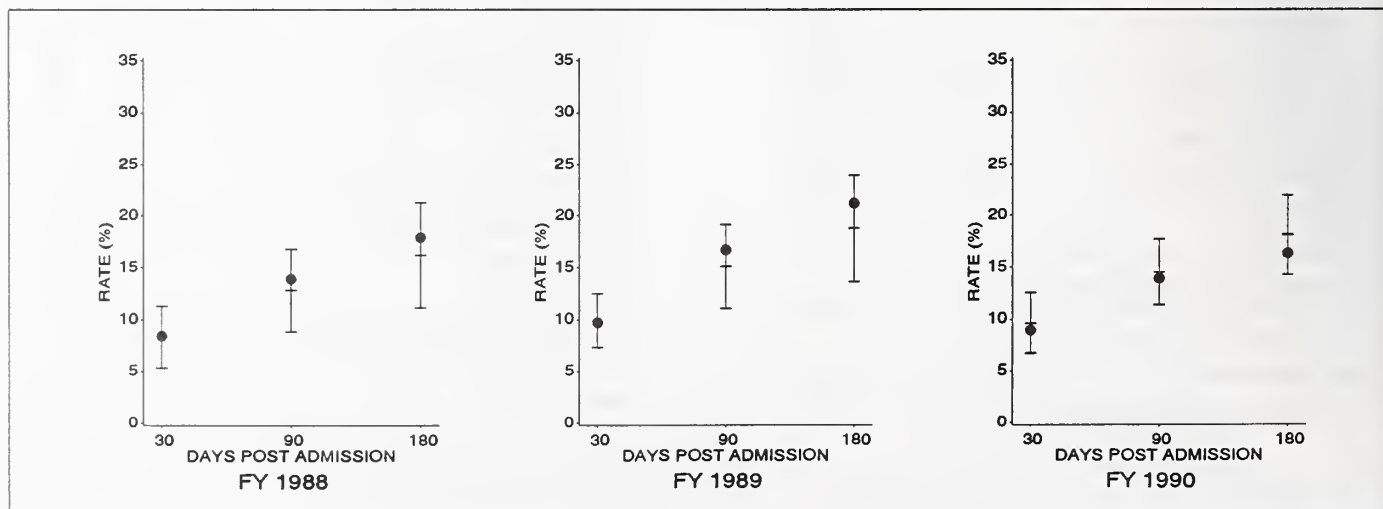
416 S 2ND ST  
GENEVA, IL 60134  
Medicare Provider Number: 140211

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 638             | 8.9                 | 9.6  | 1.5  | 13.9    | 14.5 | 1.6  | 16.3     | 18.1 | 1.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 17              | 17.6                | 23.8 | ---- | 23.5    | 28.0 | ---- | 23.5     | 30.8 | ---- |
| Congestive Heart Failure.....              | 33              | 12.1                | 16.5 | ---- | 21.2    | 25.9 | ---- | 30.3     | 32.7 | ---- |
| Pneumonia/Influenza.....                   | 37              | 10.8                | 13.4 | ---- | 16.2    | 18.3 | ---- | 21.6     | 21.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 18.2                | 9.2  | ---- | 27.3    | 15.9 | ---- | 27.3     | 21.0 | ---- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.8  | ---- | 0.0     | 4.3  | ---- | 0.0      | 7.0  | ---- |
| Stroke.....                                | 28              | 17.9                | 21.1 | ---- | 17.9    | 28.7 | ---- | 21.4     | 33.0 | ---- |
| Hip Fracture.....                          | 18              | 5.6                 | 7.8  | ---- | 11.1    | 13.5 | ---- | 11.1     | 17.5 | ---- |
| Sepsis.....                                | 3               | 0.0                 | 9.1  | ---- | 0.0     | 13.8 | ---- | 0.0      | 17.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 1.3  | ---- | 0.0     | 2.9  | ---- | 20.0     | 4.5  | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.9  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.7  | ---- |
| Hip Replacement/Reconstruction.....        | 5               | 20.0                | 6.7  | ---- | 20.0    | 11.9 | ---- | 20.0     | 14.8 | ---- |
| Open Reduction of Hip Fracture.....        | 12              | 0.0                 | 7.0  | ---- | 8.3     | 12.8 | ---- | 8.3      | 17.2 | ---- |
| Prostatectomy.....                         | 19              | 5.3                 | 1.3  | ---- | 5.3     | 3.1  | ---- | 5.3      | 5.3  | ---- |
| Cholecystectomy.....                       | 11              | 9.1                 | 4.1  | ---- | 18.2    | 8.0  | ---- | 18.2     | 11.2 | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DELNOR COMMUNITY HOSPITAL

Medicare Provider Number: 140211

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.3 years  
Proportion female..... 60.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.8 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 9.2 %  
Admitted for emergency..... 82.1 %

### COMORBIDITIES:

Cancer..... 7.8 %  
Chronic cardiovascular disease..... 39.3 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 2.7 %  
Chronic pulmonary disease..... 12.7 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 9.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.2%  
State..... 14.7%  
Outside State..... 3.1%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.9 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1987

### PROFILE:

Total Beds..... 108  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.1453

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 64  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DELNOR COMMUNITY HOSPITAL-ST CHARLES

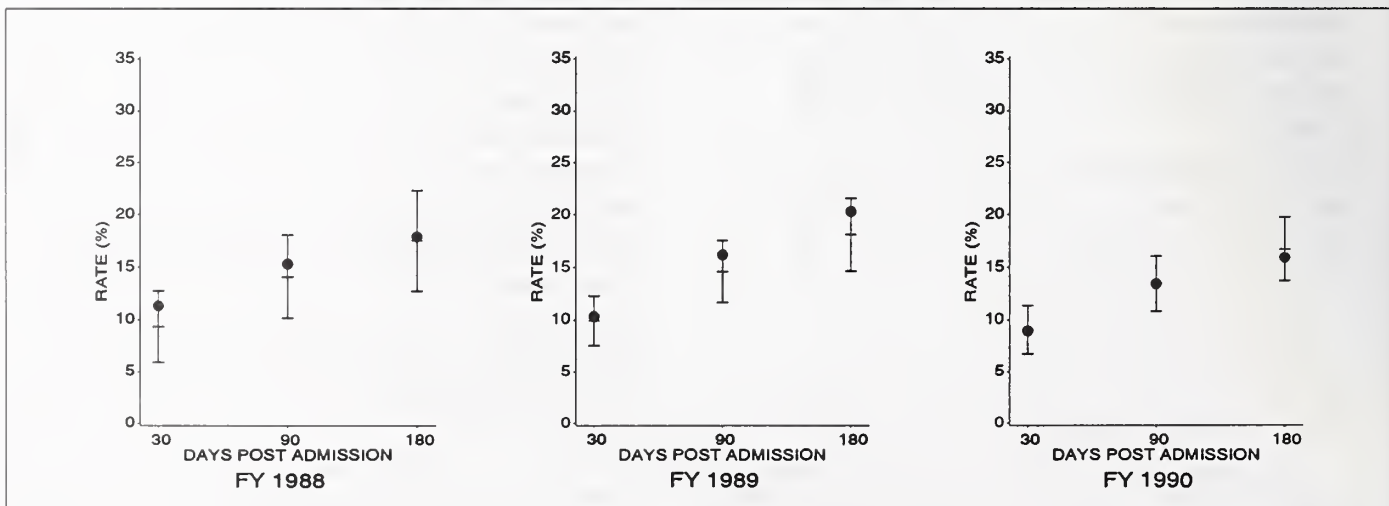
975 N 5TH AVE  
ST CHARLES, IL 60174  
Medicare Provider Number: 140154

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 755                | 8.9                 | 9.0  | 1.2  | 13.4    | 13.4 | 1.3  | 15.9     | 16.7 | 1.5  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 21                 | 4.8                 | 21.9 | ---- | 4.8     | 24.8 | ---- | 4.8      | 27.3 | ---- |
| Congestive Heart Failure.....              | 34                 | 11.8                | 12.8 | ---- | 14.7    | 19.9 | ---- | 20.6     | 25.3 | ---- |
| Pneumonia/Influenza.....                   | 47                 | 25.5                | 16.0 | ---- | 31.9    | 21.8 | ---- | 34.0     | 25.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 16.7                | 11.1 | ---- | 33.3    | 19.7 | ---- | 33.3     | 25.9 | ---- |
| Transient Cerebral Ischemia.....           | 9                  | 0.0                 | 1.3  | ---- | 0.0     | 3.1  | ---- | 11.1     | 5.3  | ---- |
| Stroke.....                                | 28                 | 17.9                | 22.1 | ---- | 32.1    | 27.9 | ---- | 35.7     | 31.5 | ---- |
| Hip Fracture.....                          | 24                 | 12.5                | 8.8  | ---- | 25.0    | 15.4 | ---- | 25.0     | 19.3 | ---- |
| Sepsis.....                                | 8                  | 12.5                | 22.6 | ---- | 25.0    | 26.7 | ---- | 25.0     | 31.2 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 3.4  | ---- | 40.0    | 6.9  | ---- | 40.0     | 10.7 | ---- |
| Carotid Endarterectomy.....                | 2                  | 0.0                 | 1.4  | ---- | 0.0     | 2.5  | ---- | 0.0      | 3.5  | ---- |
| Hip Replacement/Reconstruction.....        | 17                 | 0.0                 | 3.7  | ---- | 11.8    | 6.6  | ---- | 11.8     | 8.6  | ---- |
| Open Reduction of Hip Fracture.....        | 13                 | 23.1                | 8.0  | ---- | 23.1    | 14.2 | ---- | 23.1     | 18.1 | ---- |
| Prostatectomy.....                         | 14                 | 0.0                 | 1.5  | ---- | 0.0     | 3.6  | ---- | 7.1      | 6.1  | ---- |
| Cholecystectomy.....                       | 18                 | 0.0                 | 2.3  | ---- | 0.0     | 4.7  | ---- | 0.0      | 6.8  | ---- |
| Hysterectomy.....                          | 10                 | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DELNOR COMMUNITY HOSPITAL-ST CHARLES

Medicare Provider Number: 140154

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.1 years  
Proportion female..... 64.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 13.9 %  
Admitted for emergency..... 39.7 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 53.5 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 15.9 %  
Cerebrovascular degeneration..... 2.8 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 73.6%  
State ..... 21.9%  
Outside State ..... 4.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 168  
Occupancy Rate ..... 52.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 32.2 %  
Case Mix Index (CMI) ..... 1.2526

### STAFFING:

Total Number of Physicians..... 138  
Percent of Physicians Board  
Certified Specialists ..... 81.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 326  
Licensed Practical Nurses ..... 5

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

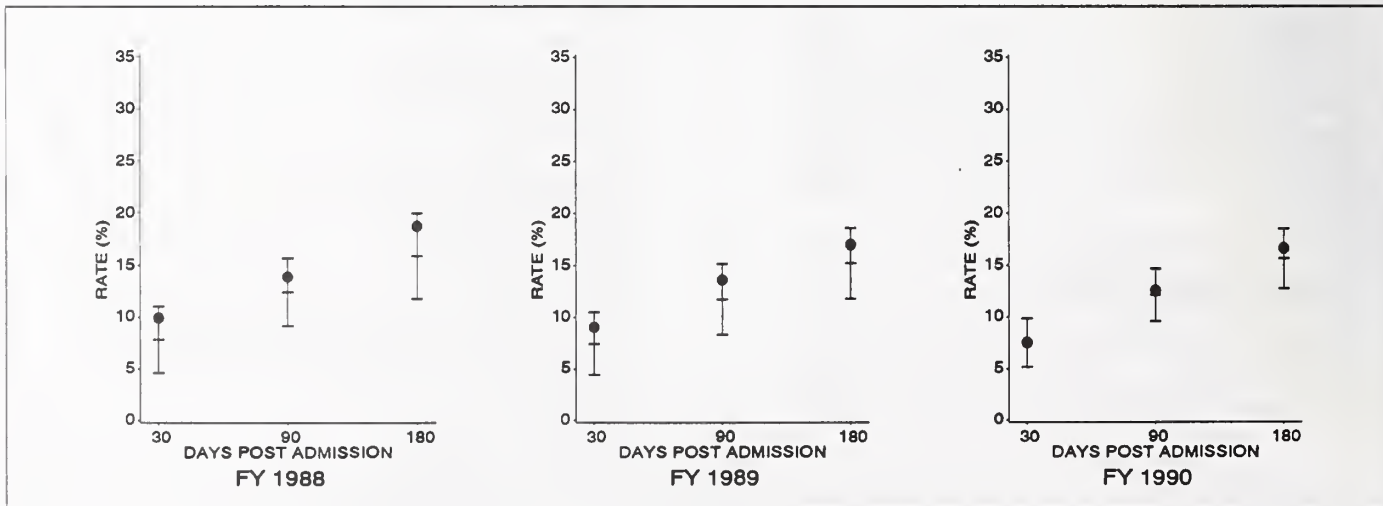
**DOCTORS HOSPITAL**  
5230 SOUTH 6TH STREET  
SPRINGFIELD, IL 62794  
Medicare Provider Number: 140285

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 912             | 7.5                 | 7.5  | 1.2   | 12.5    | 12.1 | 1.3   | 16.6     | 15.6 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 7               | 57.1                | 26.5 | ----- | 57.1    | 29.6 | ----- | 57.1     | 32.9 | ----- |
| Congestive Heart Failure.....              | 47              | 12.8                | 15.3 | ----- | 25.5    | 24.3 | ----- | 27.7     | 30.2 | ----- |
| Pneumonia/Influenza.....                   | 70              | 10.0                | 12.5 | 5.3   | 15.7    | 17.4 | 8.0   | 21.4     | 20.9 | 8.1   |
| Chronic Obstructive Pulmonary Disease..... | 47              | 6.4                 | 6.9  | ----- | 12.8    | 12.7 | ----- | 14.9     | 17.0 | ----- |
| Transient Cerebral Ischemia.....           | 19              | 5.3                 | 1.2  | ----- | 10.5    | 2.9  | ----- | 10.5     | 5.0  | ----- |
| Stroke.....                                | 27              | 14.8                | 15.5 | ----- | 25.9    | 20.9 | ----- | 25.9     | 24.5 | ----- |
| Hip Fracture.....                          | 17              | 0.0                 | 5.0  | ----- | 5.9     | 9.3  | ----- | 11.8     | 12.5 | ----- |
| Sepsis.....                                | 7               | 28.6                | 22.6 | ----- | 42.9    | 27.7 | ----- | 42.9     | 31.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 0.8  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.0  | ----- |
| Carotid Endarterectomy.....                | 13              | 0.0                 | 1.6  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.5  | ----- |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 3.1  | ----- | 0.0     | 6.5  | ----- | 0.0      | 9.1  | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 7.0  | ----- | 33.3    | 13.4 | ----- | 33.3     | 18.3 | ----- |
| Prostatectomy.....                         | 29              | 0.0                 | 0.8  | ----- | 3.4     | 1.9  | ----- | 3.4      | 3.2  | ----- |
| Cholecystectomy.....                       | 23              | 0.0                 | 1.8  | ----- | 4.3     | 3.5  | ----- | 4.3      | 5.0  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.3  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



# DOCTORS HOSPITAL

Medicare Provider Number: 140285

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.1 years |
| Proportion female.....        | 54.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 94.0 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 3.5 %  |
| Admitted for emergency.....                    | 4.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.8 %  |
| Chronic cardiovascular disease..... | 30.0 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 20.5 % |
| Cerebrovascular degeneration.....   | 6.3 %  |
| Diabetes mellitus.....              | 5.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 53.2%  |
| State .....         | 44.9%  |
| Outside State ..... | 1.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.1 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 122                 |
| Occupancy Rate .....       | 56.0 %              |
| Ownership/Control.....     | Private, For Profit |
| Medicare Discharges .....  | 62.0 %              |
| Case Mix Index (CMI) ..... | 1.2334              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 207    |
| Percent of Physicians Board<br>Certified Specialists ..... | 67.6 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 97     |
| Licensed Practical Nurses .....                            | 36     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOUGLAS COUNTY-JARMAN MEMORIAL HOSPITAL

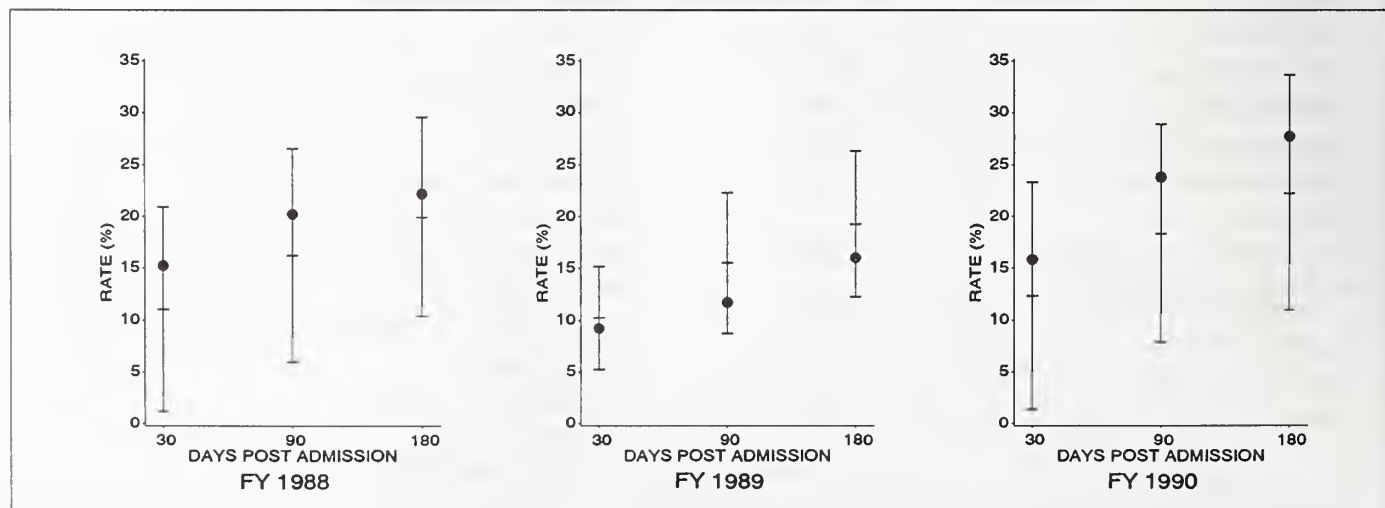
704 NORTH MAIN ST  
TUSCOLA, IL 61953  
Medicare Provider Number: 140232

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 101             | 15.8                | 12.3 | 5.5  | 23.8    | 18.3 | 5.3  | 27.7     | 22.2 | 5.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 3               | 33.3                | 25.0 | ---- | 33.3    | 27.6 | ---- | 33.3     | 29.6 | ---- |
| Congestive Heart Failure.....              | 10              | 30.0                | 12.8 | ---- | 40.0    | 20.9 | ---- | 50.0     | 26.3 | ---- |
| Pneumonia/Influenza.....                   | 26              | 15.4                | 17.2 | ---- | 23.1    | 23.8 | ---- | 26.9     | 27.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 0.0                 | 12.6 | ---- | 50.0    | 23.2 | ---- | 50.0     | 30.1 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 2.9  | ---- | 0.0     | 6.3  | ---- | 0.0      | 9.6  | ---- |
| Stroke.....                                | 5               | 20.0                | 30.4 | ---- | 40.0    | 38.3 | ---- | 40.0     | 42.3 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1               | 100.0               | 25.9 | ---- | 100.0   | 42.4 | ---- | 100.0    | 49.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 3               | 0.0                 | 2.7  | ---- | 0.0     | 7.0  | ---- | 33.3     | 12.0 | ---- |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.2  | ---- | 0.0     | 2.1  | ---- | 0.0      | 2.8  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DOUGLAS COUNTY-JARMAN MEMORIAL HOSPITAL

Medicare Provider Number: 140232

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.3 years  
Proportion female..... 62.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.6 %  
Transferred from skilled nursing facility..... 6.9 %  
Admitted for elective procedure..... 1.0 %  
Admitted for emergency..... 8.9 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 47.5 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 15.8 %  
Cerebrovascular degeneration..... 5.9 %  
Diabetes mellitus..... 7.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 68.0%  
State ..... 32.0%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 58  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 1.0356

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 13  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... Yes  
Intensive Care Unit ..... No  
Organ Transplant ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# DR JOHN WARNER HOSPITAL

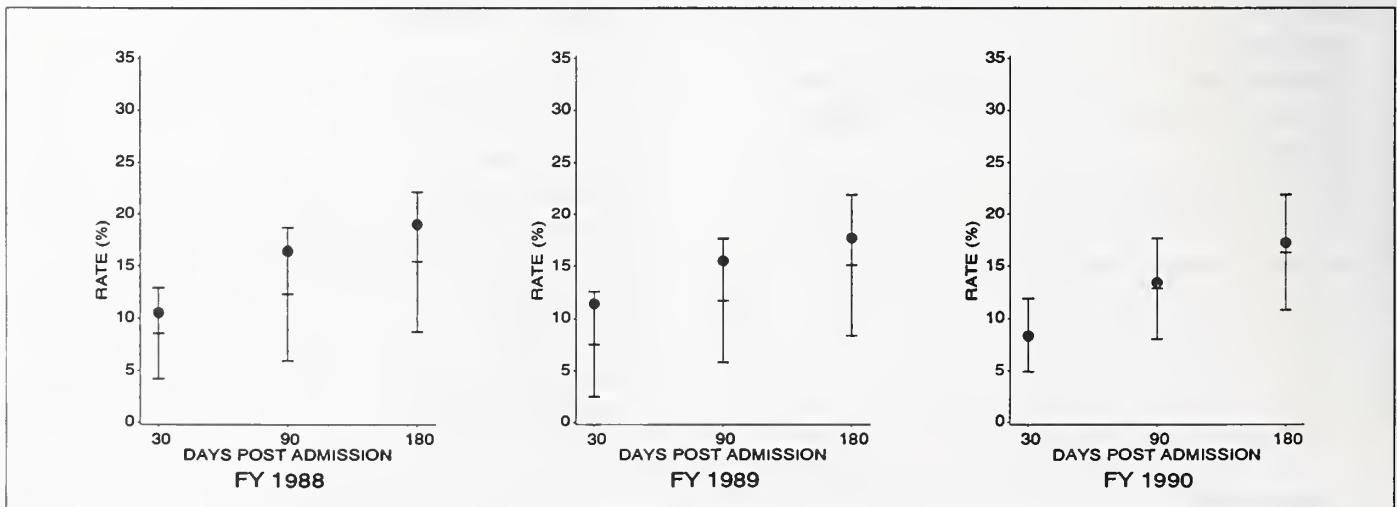
422 W WHITE STREET  
CLINTON, IL 61727  
Medicare Provider Number: 140146

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 314             | 8.3                 | 8.4  | 1.8   | 13.4    | 12.8 | 2.4   | 17.2     | 16.3 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 9               | 11.1                | 25.9 | ----- | 22.2    | 28.9 | ----- | 22.2     | 31.9 | ----- |
| Congestive Heart Failure.....              | 18              | 16.7                | 16.4 | ----- | 33.3    | 25.3 | ----- | 38.9     | 31.8 | ----- |
| Pneumonia/Influenza.....                   | 20              | 30.0                | 11.5 | ----- | 35.0    | 15.8 | ----- | 40.0     | 19.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 15              | 0.0                 | 7.9  | ----- | 6.7     | 13.9 | ----- | 6.7      | 18.7 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 3.0  | ----- | 0.0     | 6.6  | ----- | 0.0      | 10.5 | ----- |
| Stroke.....                                | 6               | 50.0                | 17.3 | ----- | 50.0    | 22.7 | ----- | 66.7     | 26.9 | ----- |
| Hip Fracture.....                          | 4               | 0.0                 | 9.2  | ----- | 0.0     | 16.7 | ----- | 0.0      | 21.9 | ----- |
| Sepsis.....                                | 5               | 0.0                 | 18.9 | ----- | 20.0    | 24.3 | ----- | 20.0     | 28.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 2               | 0.0                 | 2.3  | ----- | 0.0     | 4.6  | ----- | 0.0      | 6.4  | ----- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 6.0  | ----- | 0.0     | 11.9 | ----- | 0.0      | 17.5 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.3  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.2  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**DR JOHN WARNER HOSPITAL**  
Medicare Provider Number: 140146

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 77.2 years | Cancer.....                         | 4.8 %  |
| Proportion female.....                         | 59.6 %     | Chronic cardiovascular disease..... | 46.8 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 0.6 %  |
| Referred by personal or HMO physician.....     | 66.6 %     | Chronic renal disease.....          | 3.2 %  |
| Transferred from skilled nursing facility..... | 0.0 %      | Chronic pulmonary disease.....      | 16.2 % |
| Admitted for elective procedure.....           | 3.5 %      | Cerebrovascular degeneration.....   | 2.5 %  |
| Admitted for emergency.....                    | 17.2 %     | Diabetes mellitus.....              | 5.4 %  |

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City .....                            | 91.0%  | Hospital .....                          | 4.1 Days |
| State .....                                  | 8.5%   | State .....                             | 8.4 Days |
| Outside State .....                          | 0.5%   | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

**HOSPITAL CHARACTERISTICS\***

|                                                                    |                  |                                                 |     |
|--------------------------------------------------------------------|------------------|-------------------------------------------------|-----|
| <b>SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990</b> |                  |                                                 |     |
| <b>PROFILE:</b>                                                    |                  | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 36               | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 30.0 %           | Cardiac Intensive Care .....                    | No  |
| Ownership/Control.....                                             | Local Government | Comprehensive Geriatric .....                   | No  |
| Medicare Discharges .....                                          | 66.7 %           | Hospice Care .....                              | No  |
| Case Mix Index (CMI) .....                                         | 0.9278           | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                  | Organ/Tissue Transplant .....                   | No  |
| Total Number of Physicians.....                                    | 7                | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 28.6 %           | Trauma Center .....                             | No  |
| Medical Residents/Interns .....                                    | 0                | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 24               | Alcohol/Drug .....                              | No  |
| Licensed Practical Nurses .....                                    | 6                | Rehabilitation.....                             | No  |
|                                                                    |                  | Psychiatric .....                               | No  |
|                                                                    |                  | Medicare Swing Beds .....                       | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# EDGEWATER MEDICAL CENTER

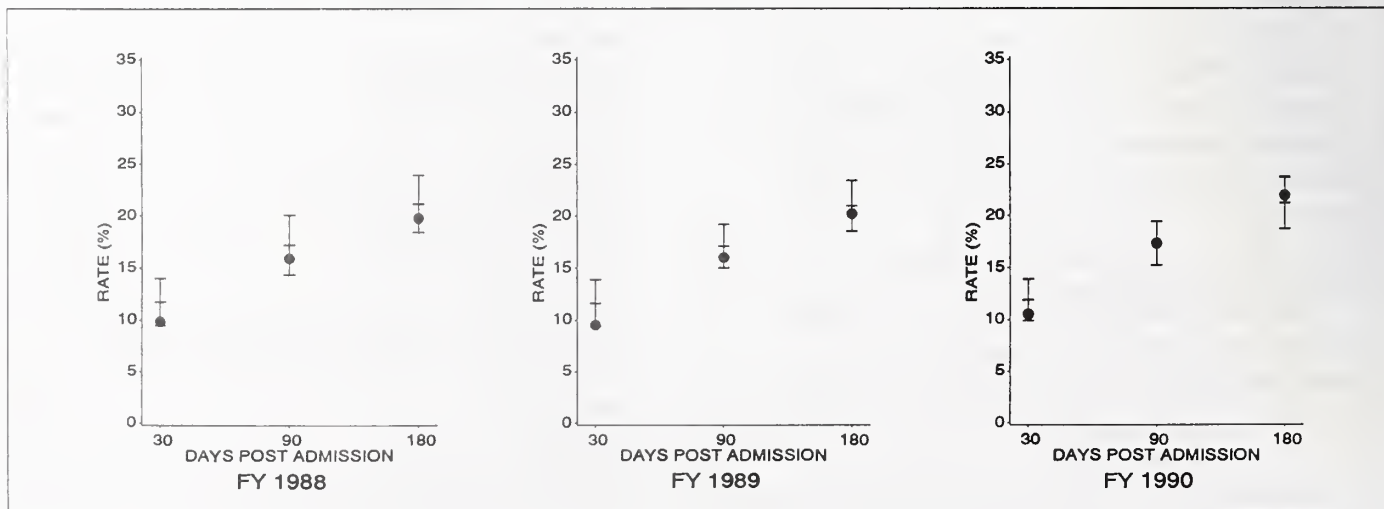
5700 N ASHLAND AVENUE  
CHICAGO, IL 60660  
Medicare Provider Number: 140087

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1395            | 10.5                | 11.9 | 1.0   | 17.3    | 17.3 | 1.1   | 21.9     | 21.2 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 37              | 21.6                | 30.5 | ----- | 27.0    | 34.0 | ----- | 29.7     | 36.9 | ----- |
| Congestive Heart Failure.....              | 88              | 9.1                 | 15.7 | 7.4   | 18.2    | 24.4 | 9.8   | 26.1     | 30.6 | 10.5  |
| Pneumonia/Influenza.....                   | 82              | 14.6                | 18.7 | 5.6   | 26.8    | 25.7 | 4.9   | 29.3     | 30.5 | 5.6   |
| Chronic Obstructive Pulmonary Disease..... | 14              | 0.0                 | 7.5  | ----- | 7.1     | 13.3 | ----- | 7.1      | 17.7 | ----- |
| Transient Cerebral Ischemia.....           | 57              | 0.0                 | 2.7  | 3.1   | 1.8     | 5.7  | 4.5   | 7.0      | 8.8  | 4.0   |
| Stroke.....                                | 56              | 23.2                | 20.9 | 6.1   | 30.4    | 26.6 | 7.8   | 33.9     | 30.3 | 7.5   |
| Hip Fracture.....                          | 28              | 7.1                 | 6.7  | ----- | 14.3    | 11.6 | ----- | 17.9     | 14.9 | ----- |
| Sepsis.....                                | 44              | 18.2                | 26.8 | ----- | 38.6    | 35.8 | ----- | 52.3     | 40.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 19              | 0.0                 | 3.7  | ----- | 5.3     | 5.1  | ----- | 5.3      | 6.4  | ----- |
| Coronary Artery Bypass Graft.....          | 15              | 20.0                | 8.5  | ----- | 26.7    | 10.9 | ----- | 33.3     | 11.9 | ----- |
| Initial Pacemaker Insertion.....           | 24              | 8.3                 | 7.1  | ----- | 25.0    | 13.1 | ----- | 41.7     | 17.4 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 4.5  | ----- | 0.0     | 8.5  | ----- | 0.0      | 11.8 | ----- |
| Hip Replacement/Reconstruction.....        | 15              | 0.0                 | 5.4  | ----- | 6.7     | 10.1 | ----- | 6.7      | 13.7 | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 15.4                | 5.0  | ----- | 23.1    | 8.8  | ----- | 23.1     | 11.6 | ----- |
| Prostatectomy.....                         | 9               | 0.0                 | 1.7  | ----- | 0.0     | 3.9  | ----- | 0.0      | 6.7  | ----- |
| Cholecystectomy.....                       | 23              | 8.7                 | 6.7  | ----- | 8.7     | 12.4 | ----- | 8.7      | 16.0 | ----- |
| Hysterectomy.....                          | 2               | 50.0                | 2.4  | ----- | 50.0    | 4.7  | ----- | 50.0     | 7.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# EDGEWATER MEDICAL CENTER

Medicare Provider Number: 140087

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.8 years  
Proportion female..... 61.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 3.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.1 %  
Admitted for emergency..... 74.7 %

### COMORBIDITIES:

Cancer..... 6.2 %  
Chronic cardiovascular disease..... 51.8 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 4.0 %  
Chronic pulmonary disease..... 16.1 %  
Cerebrovascular degeneration..... 4.9 %  
Diabetes mellitus..... 10.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 96.4%  
State..... 2.0%  
Outside State..... 1.6%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.3 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

Total Beds..... 153  
Occupancy Rate..... 78.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges..... 42.8 %  
Case Mix Index (CMI)..... 1.3949

### STAFFING:

Total Number of Physicians..... 276  
Percent of Physicians Board  
Certified Specialists.....(Not Available)  
Medical Residents/Interns..... 18  
Registered Nurses..... 137  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EDWARD A UTLAUT MEMORIAL HOSPITAL

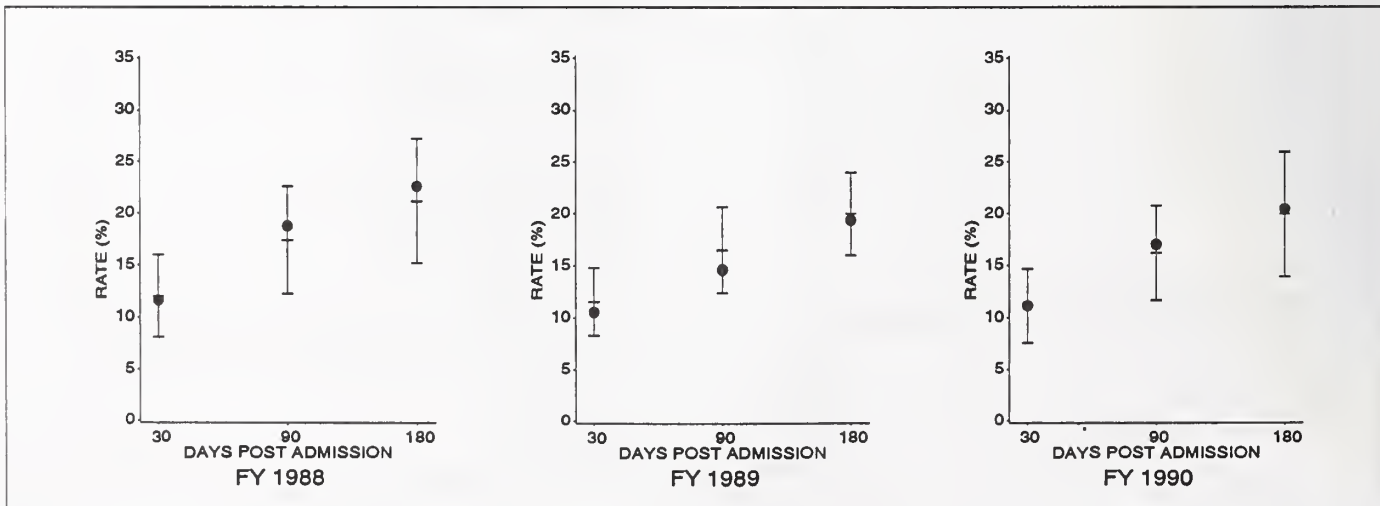
GRIGG & HWY 140  
GREENVILLE, IL 62246  
Medicare Provider Number: 140137

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 407             | 11.1                | 11.1 | 1.8   | 17.0    | 16.2 | 2.3   | 20.4     | 19.9 | 3.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 24              | 20.8                | 27.7 | ----- | 20.8    | 30.4 | ----- | 29.2     | 33.4 | ----- |
| Congestive Heart Failure.....              | 49              | 22.4                | 16.0 | ----- | 30.6    | 24.3 | ----- | 34.7     | 30.7 | ----- |
| Pneumonia/Influenza.....                   | 34              | 14.7                | 16.8 | ----- | 23.5    | 22.6 | ----- | 26.5     | 26.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 10              | 10.0                | 8.3  | ----- | 20.0    | 15.8 | ----- | 30.0     | 21.5 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.3  | ----- | 0.0     | 2.8  | ----- | 0.0      | 4.7  | ----- |
| Stroke.....                                | 21              | 23.8                | 24.1 | ----- | 28.6    | 31.8 | ----- | 38.1     | 36.6 | ----- |
| Hip Fracture.....                          | 10              | 20.0                | 7.3  | ----- | 20.0    | 12.9 | ----- | 20.0     | 17.2 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 31.6 | ----- | 100.0   | 50.1 | ----- | 100.0    | 56.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5               | 40.0                | 7.0  | ----- | 40.0    | 12.3 | ----- | 40.0     | 16.4 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 4.0  | ----- | 0.0     | 7.4  | ----- | 0.0      | 10.1 | ----- |
| Prostatectomy.....                         | 6               | 0.0                 | 1.1  | ----- | 16.7    | 2.2  | ----- | 16.7     | 3.5  | ----- |
| Cholecystectomy.....                       | 4               | 0.0                 | 2.2  | ----- | 0.0     | 3.2  | ----- | 0.0      | 3.9  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EDWARD A UTLAUT MEMORIAL HOSPITAL

Medicare Provider Number: 140137

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.4 years  
Proportion female..... 55.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.1 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 9.6 %  
Admitted for emergency..... 60.4 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 43.7 %  
Chronic liver disease..... 0.2 %  
Chronic renal disease..... 3.4 %  
Chronic pulmonary disease..... 16.2 %  
Cerebrovascular degeneration..... 2.2 %  
Diabetes mellitus..... 7.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 79.7%  
State..... 18.3%  
Outside State..... 2.0%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 4.7 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 204  
Occupancy Rate..... 73.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 52.5 %  
Case Mix Index (CMI)..... 1.0410

### STAFFING:

Total Number of Physicians..... 8  
Percent of Physicians Board  
Certified Specialists..... 75.0 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 33  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

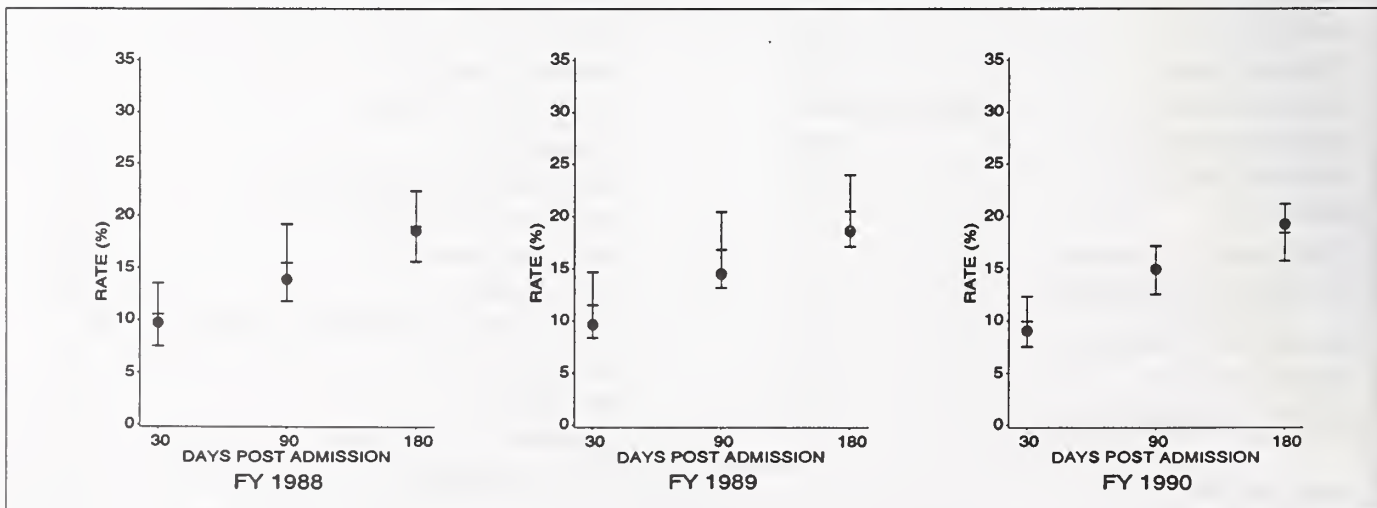
**EDWARD HOSPITAL**  
801 SOUTH WASHINGTON  
NAPERVILLE, IL 60566  
Medicare Provider Number: 140231

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1252               | 9.0                 | 9.9  | 1.2   | 14.9    | 14.8 | 1.2   | 19.2     | 18.4 | 1.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31                 | 45.2                | 29.3 | ----- | 45.2    | 32.4 | ----- | 51.6     | 35.2 | ----- |
| Congestive Heart Failure.....              | 64                 | 23.4                | 14.8 | 5.8   | 35.9    | 23.5 | 7.9   | 43.8     | 29.7 | 8.5   |
| Pneumonia/Influenza.....                   | 75                 | 9.3                 | 15.3 | 6.6   | 16.0    | 20.8 | 6.4   | 20.0     | 24.7 | 7.3   |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 10.0                | 8.3  | ----- | 15.0    | 14.2 | ----- | 20.0     | 18.8 | ----- |
| Transient Cerebral Ischemia.....           | 26                 | 0.0                 | 1.6  | ----- | 7.7     | 3.7  | ----- | 7.7      | 6.0  | ----- |
| Stroke.....                                | 41                 | 19.5                | 24.9 | ----- | 24.4    | 31.0 | ----- | 29.3     | 34.7 | ----- |
| Hip Fracture.....                          | 34                 | 2.9                 | 8.7  | ----- | 8.8     | 14.5 | ----- | 11.8     | 18.4 | ----- |
| Sepsis.....                                | 23                 | 21.7                | 24.0 | ----- | 43.5    | 32.0 | ----- | 43.5     | 36.8 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 3.5  | ----- | 0.0     | 7.3  | ----- | 0.0      | 11.1 | ----- |
| Carotid Endarterectomy.....                | 2                  | 0.0                 | 2.1  | ----- | 0.0     | 3.4  | ----- | 0.0      | 4.6  | ----- |
| Hip Replacement/Reconstruction.....        | 14                 | 0.0                 | 4.6  | ----- | 0.0     | 8.3  | ----- | 7.1      | 10.9 | ----- |
| Open Reduction of Hip Fracture.....        | 23                 | 4.3                 | 7.9  | ----- | 13.0    | 13.5 | ----- | 13.0     | 17.5 | ----- |
| Prostatectomy.....                         | 25                 | 0.0                 | 2.2  | ----- | 0.0     | 4.5  | ----- | 0.0      | 7.1  | ----- |
| Cholecystectomy.....                       | 23                 | 4.3                 | 4.5  | ----- | 4.3     | 6.5  | ----- | 4.3      | 7.7  | ----- |
| Hysterectomy.....                          | 7                  | 0.0                 | 1.9  | ----- | 0.0     | 4.4  | ----- | 0.0      | 7.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**EDWARD HOSPITAL**  
Medicare Provider Number: 140231

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 75.6 years  
Proportion female..... 60.8 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 36.5 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 10.5 %  
Admitted for emergency..... 62.5 %

**COMORBIDITIES:**

Cancer..... 7.3 %  
Chronic cardiovascular disease..... 42.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 18.2 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 7.9 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 67.3%  
State..... 26.1%  
Outside State..... 6.6%  
Total..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 7.4 Days  
State..... 8.4 Days  
National..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds..... 147  
Occupancy Rate..... 70.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 26.7 %  
Case Mix Index (CMI)..... 1.2758

**STAFFING:**

Total Number of Physicians..... 261  
Percent of Physicians Board  
Certified Specialists..... 77.4 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 346  
Licensed Practical Nurses..... 0

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ELMHURST MEMORIAL HOSPITAL

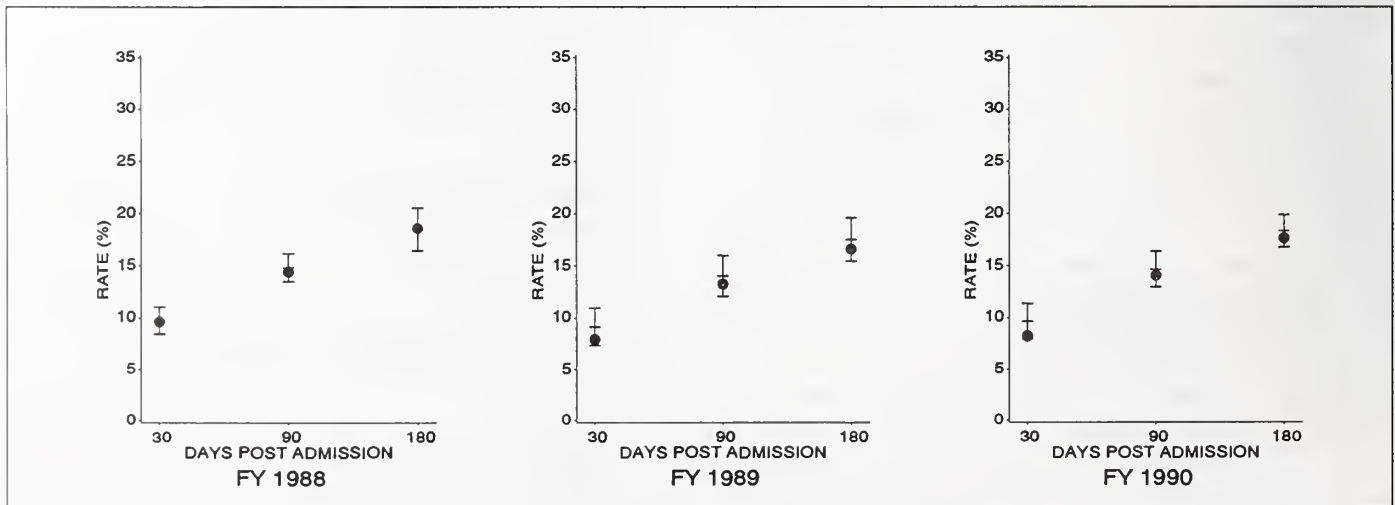
200 BERTEAU AVE  
ELMHURST, IL 60126  
Medicare Provider Number: 140200

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3360               | 8.2                 | 9.6  | 0.9  | 14.0    | 14.6 | 0.9  | 17.6     | 18.3 | 0.8  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 112                | 24.1                | 27.8 | 5.4  | 32.1    | 30.9 | 4.7  | 34.8     | 33.6 | 4.7  |
| Congestive Heart Failure.....              | 176                | 14.2                | 14.0 | 3.6  | 23.3    | 22.0 | 4.6  | 31.3     | 28.0 | 6.0  |
| Pneumonia/Influenza.....                   | 156                | 12.8                | 15.8 | 4.0  | 21.8    | 21.5 | 3.7  | 26.3     | 25.5 | 3.7  |
| Chronic Obstructive Pulmonary Disease..... | 29                 | 6.9                 | 9.3  | ---- | 13.8    | 15.8 | ---- | 24.1     | 20.3 | ---- |
| Transient Cerebral Ischemia.....           | 51                 | 0.0                 | 1.9  | 3.1  | 2.0     | 4.2  | 4.7  | 5.9      | 6.7  | 4.7  |
| Stroke.....                                | 129                | 22.5                | 20.0 | 6.1  | 32.6    | 26.8 | 7.7  | 34.9     | 30.9 | 7.1  |
| Hip Fracture.....                          | 93                 | 2.2                 | 7.0  | 4.0  | 9.7     | 12.4 | 4.8  | 12.9     | 16.3 | 5.1  |
| Sepsis.....                                | 68                 | 23.5                | 22.3 | 5.3  | 33.8    | 30.4 | 6.3  | 35.3     | 35.4 | 5.9  |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 107                | 7.5                 | 4.6  | 4.7  | 8.4     | 5.7  | 5.0  | 10.3     | 6.7  | 4.7  |
| Coronary Artery Bypass Graft.....          | 91                 | 6.6                 | 6.2  | 3.1  | 8.8     | 8.4  | 3.0  | 8.8      | 9.5  | 3.2  |
| Initial Pacemaker Insertion.....           | 35                 | 5.7                 | 4.0  | ---- | 14.3    | 7.9  | ---- | 20.0     | 11.2 | ---- |
| Carotid Endarterectomy.....                | 16                 | 6.3                 | 1.1  | ---- | 6.3     | 2.2  | ---- | 6.3      | 3.3  | ---- |
| Hip Replacement/Reconstruction.....        | 61                 | 0.0                 | 3.7  | 4.5  | 3.3     | 6.8  | 5.0  | 6.6      | 9.1  | 4.7  |
| Open Reduction of Hip Fracture.....        | 56                 | 3.6                 | 6.1  | 3.8  | 10.7    | 11.3 | 4.3  | 14.3     | 15.3 | 5.1  |
| Prostatectomy.....                         | 99                 | 0.0                 | 1.0  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.1  | ---- |
| Cholecystectomy.....                       | 74                 | 4.1                 | 3.5  | 3.2  | 4.1     | 6.2  | 3.5  | 8.1      | 8.2  | 3.8  |
| Hysterectomy.....                          | 23                 | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ELMHURST MEMORIAL HOSPITAL

Medicare Provider Number: 140200

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.1 years  
Proportion female..... 56.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.4 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 6.3 %  
Admitted for emergency..... 41.6 %

### COMORBIDITIES:

Cancer..... 9.4 %  
Chronic cardiovascular disease..... 41.2 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 16.0 %  
Cerebrovascular degeneration..... 2.9 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 69.2%  
State..... 28.3%  
Outside State..... 2.5%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.1 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 392  
Occupancy Rate..... 70.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 33.8 %  
Case Mix Index (CMI)..... 1.4610

### STAFFING:

Total Number of Physicians..... 235  
Percent of Physicians Board  
Certified Specialists..... 77.4 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 554  
Licensed Practical Nurses..... 3

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EUREKA COMMUNITY HOSPITAL

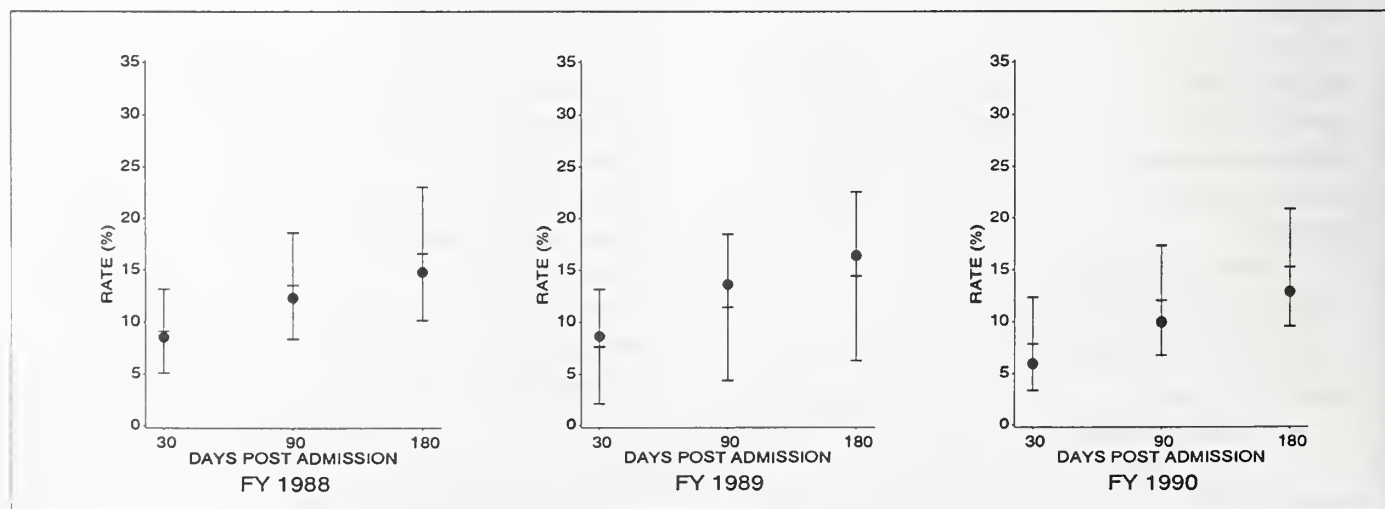
101 S MAJOR STREET  
EUREKA, IL 61530  
Medicare Provider Number: 140014

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 273             | 5.9                 | 7.8  | 2.3   | 9.9     | 12.0 | 2.6   | 12.8     | 15.2 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 5               | 20.0                | 24.9 | ----- | 20.0    | 28.0 | ----- | 20.0     | 31.1 | ----- |
| Congestive Heart Failure.....              | 14              | 7.1                 | 11.8 | ----- | 7.1     | 18.3 | ----- | 14.3     | 24.3 | ----- |
| Pneumonia/Influenza.....                   | 9               | 11.1                | 11.2 | ----- | 22.2    | 15.3 | ----- | 22.2     | 18.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 10.0 | ----- | 20.0    | 16.4 | ----- | 40.0     | 20.6 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Stroke.....                                | 14              | 7.1                 | 13.7 | ----- | 7.1     | 19.0 | ----- | 14.3     | 22.5 | ----- |
| Hip Fracture.....                          | 9               | 0.0                 | 5.0  | ----- | 0.0     | 9.1  | ----- | 0.0      | 12.7 | ----- |
| Sepsis.....                                | 3               | 0.0                 | 31.9 | ----- | 0.0     | 36.4 | ----- | 0.0      | 42.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 8               | 0.0                 | 3.9  | ----- | 0.0     | 7.7  | ----- | 0.0      | 11.2 | ----- |
| Prostatectomy.....                         | 8               | 0.0                 | 0.7  | ----- | 12.5    | 1.5  | ----- | 12.5     | 2.7  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 2.8  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# EUREKA COMMUNITY HOSPITAL

Medicare Provider Number: 140014

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.5 years |
| Proportion female.....        | 60.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.5 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 11.7 % |
| Admitted for emergency.....                    | 49.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.6 %  |
| Chronic cardiovascular disease..... | 28.9 % |
| Chronic liver disease.....          | 0.4 %  |
| Chronic renal disease.....          | 2.2 %  |
| Chronic pulmonary disease.....      | 8.8 %  |
| Cerebrovascular degeneration.....   | 3.3 %  |
| Diabetes mellitus.....              | 7.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 84.4%  |
| State .....         | 14.8%  |
| Outside State ..... | 0.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.3 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 33     |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.0736 |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 30 |
| Licensed Practical Nurses.....  | 0  |

### SPECIALTY SERVICES:

|                           |    |
|---------------------------|----|
| Burn Unit .....           | No |
| Coronary Care Unit .....  | No |
| Hospice Care .....        | No |
| Intensive Care Unit ..... | No |
| Organ Transplant .....    | No |
| Trauma Center .....       | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric.....          | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# EVANSTON HOSPITAL

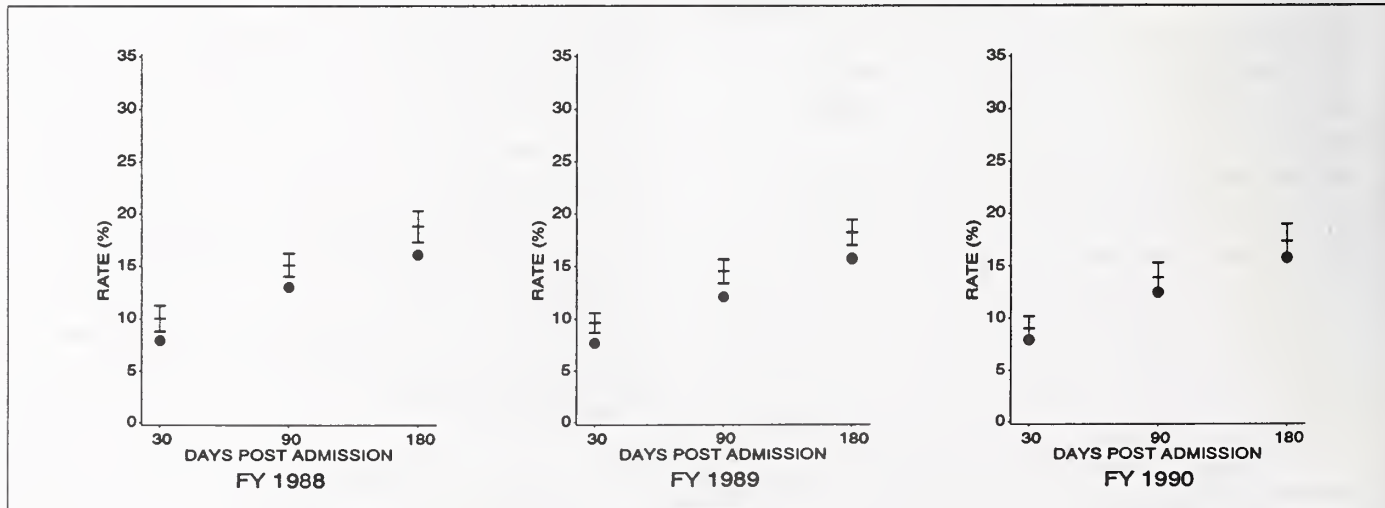
2650 RIDGE AVE  
EVANSTON, IL 60201  
Medicare Provider Number: 140010

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4209            | 7.9                 | 9.0  | 0.6   | 12.4    | 13.8 | 0.7   | 15.7     | 17.3 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 155             | 20.0                | 31.5 | 5.6   | 23.2    | 34.9 | 5.6   | 29.0     | 37.8 | 5.7   |
| Congestive Heart Failure.....              | 176             | 15.9                | 15.7 | 3.0   | 23.3    | 24.3 | 3.5   | 33.0     | 30.8 | 4.2   |
| Pneumonia/Influenza.....                   | 153             | 13.1                | 16.0 | 3.4   | 15.7    | 21.7 | 4.7   | 17.6     | 25.4 | 5.5   |
| Chronic Obstructive Pulmonary Disease..... | 32              | 9.4                 | 12.3 | ----- | 21.9    | 20.4 | ----- | 34.4     | 26.0 | ----- |
| Transient Cerebral Ischemia.....           | 64              | 0.0                 | 2.2  | 2.5   | 3.1     | 4.8  | 2.9   | 4.7      | 7.6  | 3.9   |
| Stroke.....                                | 144             | 13.9                | 20.8 | 4.4   | 23.6    | 26.9 | 4.7   | 28.5     | 30.7 | 4.0   |
| Hip Fracture.....                          | 135             | 4.4                 | 7.3  | 3.9   | 11.1    | 12.7 | 4.6   | 13.3     | 16.2 | 4.9   |
| Sepsis.....                                | 33              | 21.2                | 20.6 | ----- | 21.2    | 27.4 | ----- | 30.3     | 31.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 73              | 5.5                 | 4.0  | 2.7   | 5.5     | 5.0  | 4.0   | 6.8      | 6.0  | 4.3   |
| Coronary Artery Bypass Graft.....          | 67              | 1.5                 | 5.6  | 3.8   | 3.0     | 7.5  | 4.9   | 3.0      | 8.4  | 5.1   |
| Initial Pacemaker Insertion.....           | 23              | 0.0                 | 3.7  | ----- | 0.0     | 6.4  | ----- | 4.3      | 8.9  | ----- |
| Carotid Endarterectomy.....                | 14              | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.1  | ----- |
| Hip Replacement/Reconstruction.....        | 115             | 1.7                 | 3.3  | 2.5   | 4.3     | 5.9  | 3.7   | 4.3      | 7.7  | 4.6   |
| Open Reduction of Hip Fracture.....        | 68              | 2.9                 | 6.2  | 3.7   | 8.8     | 11.1 | 4.6   | 11.8     | 14.5 | 6.1   |
| Prostatectomy.....                         | 87              | 0.0                 | 1.3  | 1.7   | 2.3     | 3.0  | 1.9   | 4.6      | 4.9  | 2.4   |
| Cholecystectomy.....                       | 56              | 1.8                 | 3.0  | 2.6   | 1.8     | 5.9  | 4.7   | 3.6      | 8.4  | 5.5   |
| Hysterectomy.....                          | 32              | 0.0                 | 0.9  | ----- | 0.0     | 2.2  | ----- | 3.1      | 3.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EVANSTON HOSPITAL

Medicare Provider Number: 140010

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 75.9 years | Cancer.....                         | 10.3 % |
| Proportion female.....                         | 58.4 %     | Chronic cardiovascular disease..... | 39.3 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 0.9 %  |
| Referred by personal or HMO physician.....     | 34.5 %     | Chronic renal disease.....          | 2.3 %  |
| Transferred from skilled nursing facility..... | 0.0 %      | Chronic pulmonary disease.....      | 11.6 % |
| Admitted for elective procedure.....           | 28.7 %     | Cerebrovascular degeneration.....   | 4.0 %  |
| Admitted for emergency.....                    | 64.1 %     | Diabetes mellitus.....              | 6.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City.....                             | 89.4%  | Hospital .....                          | 8.7 Days |
| State .....                                  | 5.4%   | State .....                             | 8.4 Days |
| Outside State .....                          | 5.2%   | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

## HOSPITAL CHARACTERISTICS\*

|                                                                    |                     |                                                 |     |
|--------------------------------------------------------------------|---------------------|-------------------------------------------------|-----|
| <b>SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990</b> |                     |                                                 |     |
| <b>PROFILE:</b>                                                    |                     | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 549                 | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 81.0 %              | Cardiac Intensive Care .....                    | Yes |
| Ownership/Control.....                                             | Private, Non-Profit | Comprehensive Geriatric .....                   | Yes |
| Medicare Discharges .....                                          | 29.3 %              | Hospice Care .....                              | No  |
| Case Mix Index (CMI) .....                                         | 1.3398              | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                     | Organ/Tissue Transplant .....                   | Yes |
| Total Number of Physicians.....                                    | 567                 | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 86.2 %              | Trauma Center .....                             | Yes |
| Medical Residents/Interns .....                                    | 0                   | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 784                 | Alcohol/Drug .....                              | Yes |
| Licensed Practical Nurses .....                                    | 4                   | Rehabilitation.....                             | Yes |
|                                                                    |                     | Psychiatric.....                                | Yes |
|                                                                    |                     | Medicare Swing Beds .....                       | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# FAIRBURY HOSPITAL

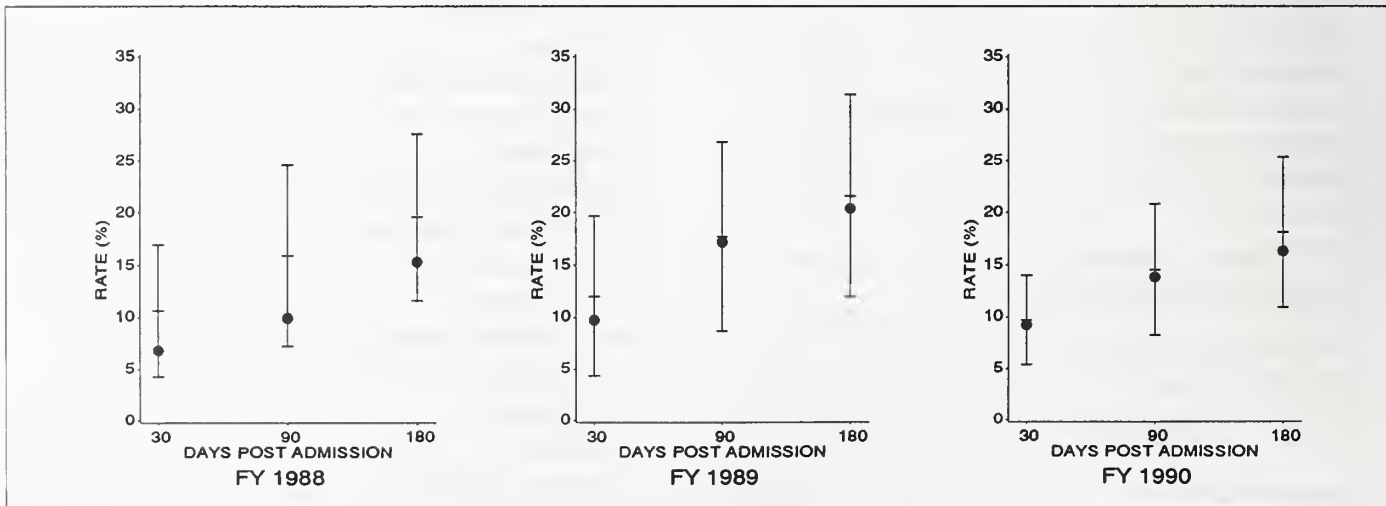
519 SOUTH 5TH STREET  
FAIRBURY, IL 61739  
Medicare Provider Number: 140039

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 196             | 9.2                 | 9.7  | 2.2   | 13.8    | 14.5 | 3.2   | 16.3     | 18.1 | 3.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 6               | 33.3                | 24.7 | ----- | 33.3    | 28.6 | ----- | 33.3     | 31.4 | ----- |
| Congestive Heart Failure.....              | 21              | 4.8                 | 14.2 | ----- | 19.0    | 21.6 | ----- | 23.8     | 27.1 | ----- |
| Pneumonia/Influenza.....                   | 15              | 6.7                 | 17.2 | ----- | 13.3    | 23.4 | ----- | 13.3     | 27.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 7.9  | ----- | 16.7    | 12.6 | ----- | 16.7     | 17.1 | ----- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.0  | ----- | 0.0     | 2.4  | ----- | 0.0      | 4.2  | ----- |
| Stroke.....                                | 8               | 50.0                | 25.6 | ----- | 50.0    | 34.8 | ----- | 50.0     | 39.0 | ----- |
| Hip Fracture.....                          | 7               | 14.3                | 9.6  | ----- | 14.3    | 16.1 | ----- | 28.6     | 19.9 | ----- |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 4.6  | ----- | 0.0     | 9.2  | ----- | 0.0      | 12.0 | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 20.0                | 8.7  | ----- | 20.0    | 14.9 | ----- | 20.0     | 18.9 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 4               | 0.0                 | 3.6  | ----- | 0.0     | 8.1  | ----- | 0.0      | 12.4 | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





**FAIRBURY HOSPITAL**  
Medicare Provider Number: 140039

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 79.1 years  
Proportion female..... 68.9 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 38.3 %  
Transferred from skilled nursing facility..... 2.0 %  
Admitted for elective procedure..... 9.7 %  
Admitted for emergency..... 0.5 %

**COMORBIDITIES:**

Cancer..... 5.1 %  
Chronic cardiovascular disease..... 51.5 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 17.3 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 4.6 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 80.2 %  
State ..... 18.8 %  
Outside State ..... 1.0 %  
Total ..... 100.0 %

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 117  
Occupancy Rate ..... 62.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 51.9 %  
Case Mix Index (CMI) ..... 1.0523

**STAFFING:**

Total Number of Physicians..... 7  
Percent of Physicians Board  
Certified Specialists ..... 42.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 24  
Licensed Practical Nurses ..... 9

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# FAIRFIELD MEMORIAL HOSPITAL

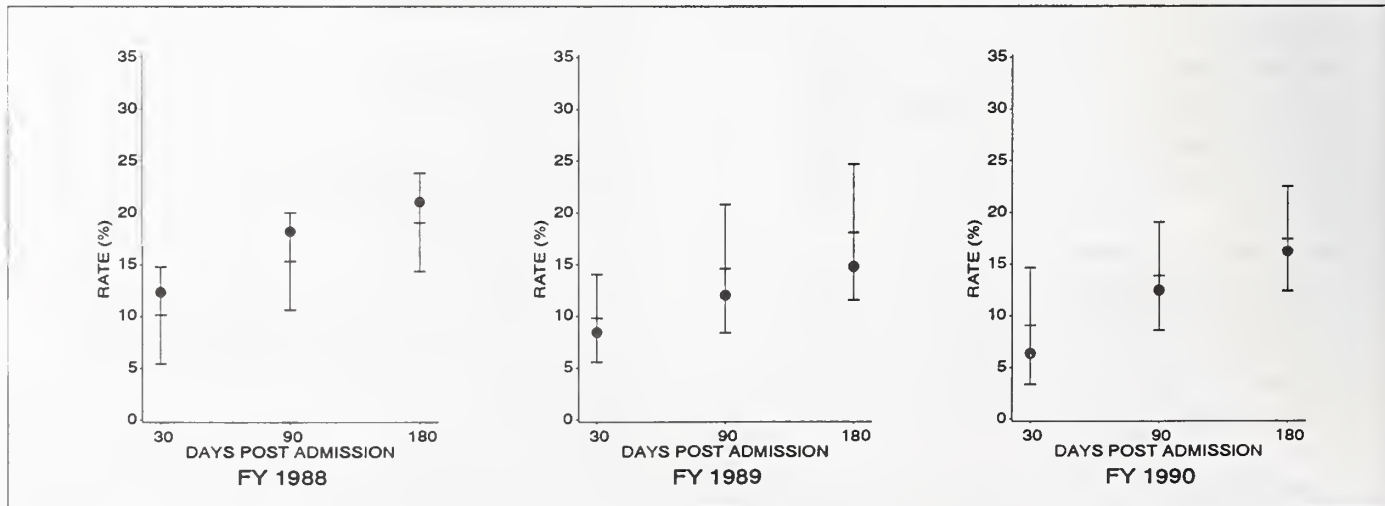
NW 11TH ST  
FAIRFIELD, IL 62837  
Medicare Provider Number: 140138

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 315             | 6.3                 | 9.0  | 2.8   | 12.4    | 13.8 | 2.7   | 16.2     | 17.4 | 2.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 23.8                | 22.5 | ----- | 33.3    | 25.8 | ----- | 33.3     | 29.3 | ----- |
| Congestive Heart Failure.....              | 21              | 14.3                | 14.6 | ----- | 38.1    | 23.7 | ----- | 42.9     | 30.0 | ----- |
| Pneumonia/Influenza.....                   | 28              | 10.7                | 14.8 | ----- | 14.3    | 20.3 | ----- | 25.0     | 24.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 5.0  | ----- | 0.0     | 9.5  | ----- | 0.0      | 12.8 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 2.0  | ----- | 0.0     | 4.6  | ----- | 0.0      | 7.4  | ----- |
| Stroke.....                                | 8               | 12.5                | 13.8 | ----- | 12.5    | 20.4 | ----- | 12.5     | 24.3 | ----- |
| Hip Fracture.....                          | 4               | 0.0                 | 6.6  | ----- | 25.0    | 10.8 | ----- | 50.0     | 14.3 | ----- |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 6.5  | ----- | 25.0    | 11.0 | ----- | 50.0     | 14.6 | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 4               | 0.0                 | 0.9  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.5  | ----- |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.2  | ----- |
| Hysterectomy.....                          | 6               | 16.7                | 1.5  | ----- | 16.7    | 3.3  | ----- | 16.7     | 5.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FAIRFIELD MEMORIAL HOSPITAL

Medicare Provider Number: 140138

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.5 years |
| Proportion female.....        | 61.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 97.5 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.3 %  |
| Admitted for emergency.....                    | 1.0 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.4 %  |
| Chronic cardiovascular disease..... | 34.9 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 3.5 %  |
| Chronic pulmonary disease.....      | 14.6 % |
| Cerebrovascular degeneration.....   | 4.1 %  |
| Diabetes mellitus.....              | 3.2 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 86.7%  |
| State .....         | 12.5%  |
| Outside State ..... | 0.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.6 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 79                  |
| Occupancy Rate .....       | 36.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 35.1 %              |
| Case Mix Index (CMI) ..... | 1.1037              |

### STAFFING:

|                                                            |         |
|------------------------------------------------------------|---------|
| Total Number of Physicians.....                            | 8       |
| Percent of Physicians Board<br>Certified Specialists ..... | 100.0 % |
| Medical Residents/Interns .....                            | 0       |
| Registered Nurses .....                                    | 26      |
| Licensed Practical Nurses .....                            | 11      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# FAYETTE COUNTY HOSPITAL

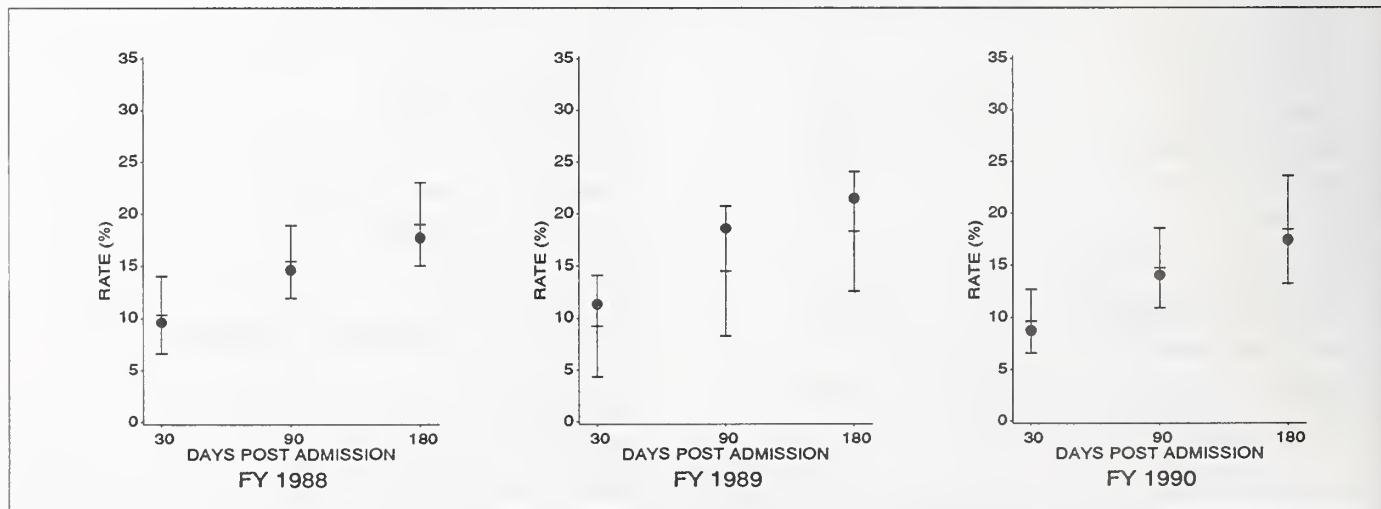
7TH AND TAYLOR  
VANDALIA, IL 62471  
Medicare Provider Number: 140045

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 449             | 8.7                 | 9.6  | 1.5  | 14.0    | 14.7 | 1.9  | 17.4     | 18.4 | 2.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 16              | 25.0                | 25.5 | ---- | 25.0    | 29.2 | ---- | 25.0     | 32.2 | ---- |
| Congestive Heart Failure.....              | 28              | 21.4                | 15.6 | ---- | 32.1    | 24.9 | ---- | 39.3     | 31.4 | ---- |
| Pneumonia/Influenza.....                   | 28              | 10.7                | 17.6 | ---- | 17.9    | 24.3 | ---- | 25.0     | 28.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 0.0                 | 5.2  | ---- | 0.0     | 10.1 | ---- | 0.0      | 14.1 | ---- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 1.5  | ---- | 0.0     | 3.4  | ---- | 7.1      | 5.5  | ---- |
| Stroke.....                                | 20              | 10.0                | 15.8 | ---- | 10.0    | 21.8 | ---- | 15.0     | 25.4 | ---- |
| Hip Fracture.....                          | 14              | 0.0                 | 6.9  | ---- | 7.1     | 13.2 | ---- | 7.1      | 17.5 | ---- |
| Sepsis.....                                | 5               | 0.0                 | 27.0 | ---- | 60.0    | 37.1 | ---- | 60.0     | 42.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 6               | 0.0                 | 6.4  | ---- | 16.7    | 13.6 | ---- | 16.7     | 18.9 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 6               | 0.0                 | 3.9  | ---- | 0.0     | 8.6  | ---- | 16.7     | 13.3 | ---- |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.5  | ---- | 11.1    | 2.7  | ---- | 11.1     | 3.8  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FAYETTE COUNTY HOSPITAL

Medicare Provider Number: 140045

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.5 years

Proportion female..... 61.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.6 %

Transferred from skilled nursing facility..... 2.9 %

Admitted for elective procedure..... 0.2 %

Admitted for emergency..... 0.7 %

### COMORBIDITIES:

Cancer..... 6.2 %

Chronic cardiovascular disease..... 37.0 %

Chronic liver disease..... 0.2 %

Chronic renal disease..... 2.2 %

Chronic pulmonary disease..... 10.0 %

Cerebrovascular degeneration..... 4.2 %

Diabetes mellitus..... 8.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.8%

State ..... 9.5%

Outside State ..... 0.7%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 134

Occupancy Rate ..... 72.0 %

Ownership/Control..... District/Authority

Medicare Discharges ..... 64.3 %

Case Mix Index (CMI) ..... 0.9913

### STAFFING:

Total Number of Physicians..... 9

Percent of Physicians Board  
Certified Specialists ..... 55.6 %

Medical Residents/Interns ..... 0

Registered Nurses ..... 27

Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... Yes

Hospice Care ..... Yes

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric ..... No

Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# FERRELL HOSPITAL INC

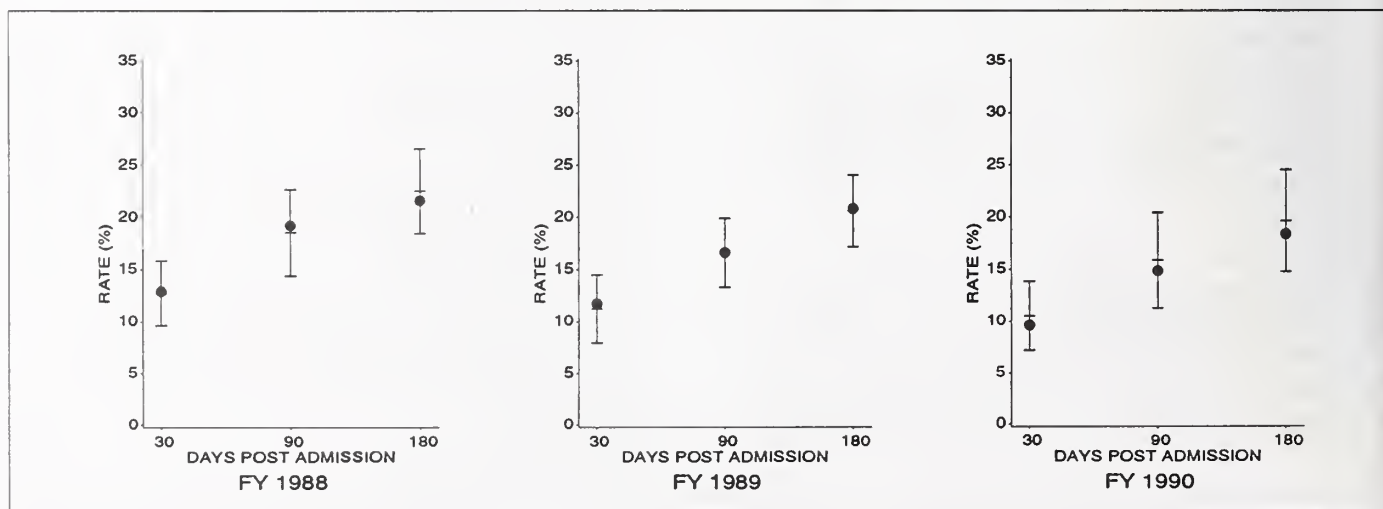
1201 PINE STREET  
ELDORADO, IL 62930  
Medicare Provider Number: 140246

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 788             | 9.6                 | 10.5 | 1.7   | 14.8    | 15.8 | 2.3   | 18.3     | 19.6 | 2.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 12              | 41.7                | 35.5 | ----- | 41.7    | 39.4 | ----- | 41.7     | 42.1 | ----- |
| Congestive Heart Failure.....              | 50              | 22.0                | 18.4 | ----- | 28.0    | 28.1 | ----- | 34.0     | 35.2 | ----- |
| Pneumonia/Influenza.....                   | 45              | 24.4                | 19.2 | ----- | 26.7    | 26.0 | ----- | 31.1     | 30.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 10.7 | ----- | 20.0    | 17.5 | ----- | 20.0     | 21.9 | ----- |
| Transient Cerebral Ischemia.....           | 23              | 0.0                 | 2.3  | ----- | 8.7     | 5.2  | ----- | 8.7      | 8.5  | ----- |
| Stroke.....                                | 24              | 25.0                | 26.3 | ----- | 29.2    | 33.3 | ----- | 37.5     | 37.6 | ----- |
| Hip Fracture.....                          | 15              | 6.7                 | 6.3  | ----- | 6.7     | 11.6 | ----- | 6.7      | 15.5 | ----- |
| Sepsis.....                                | 16              | 12.5                | 33.9 | ----- | 37.5    | 43.1 | ----- | 43.8     | 48.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 7.3  | ----- | 0.0     | 16.6 | ----- | 0.0      | 25.4 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 4.3  | ----- | 0.0     | 8.5  | ----- | 0.0      | 12.0 | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 9.1                 | 6.3  | ----- | 9.1     | 12.0 | ----- | 9.1      | 16.2 | ----- |
| Prostatectomy.....                         | 16              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 12              | 0.0                 | 2.7  | ----- | 0.0     | 5.5  | ----- | 0.0      | 7.6  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**FERRELL HOSPITAL INC**  
Medicare Provider Number: 140246

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 76.4 years  
Proportion female..... 59.0 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 34.1 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 0.1 %  
Admitted for emergency..... 58.5 %

**COMORBIDITIES:**

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 42.5 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 15.2 %  
Cerebrovascular degeneration..... 7.2 %  
Diabetes mellitus..... 11.0 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 65.7%  
State ..... 32.9%  
Outside State ..... 1.4%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 51  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.0111

**STAFFING:**

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# FOSTER G MCGAW HOSPITAL

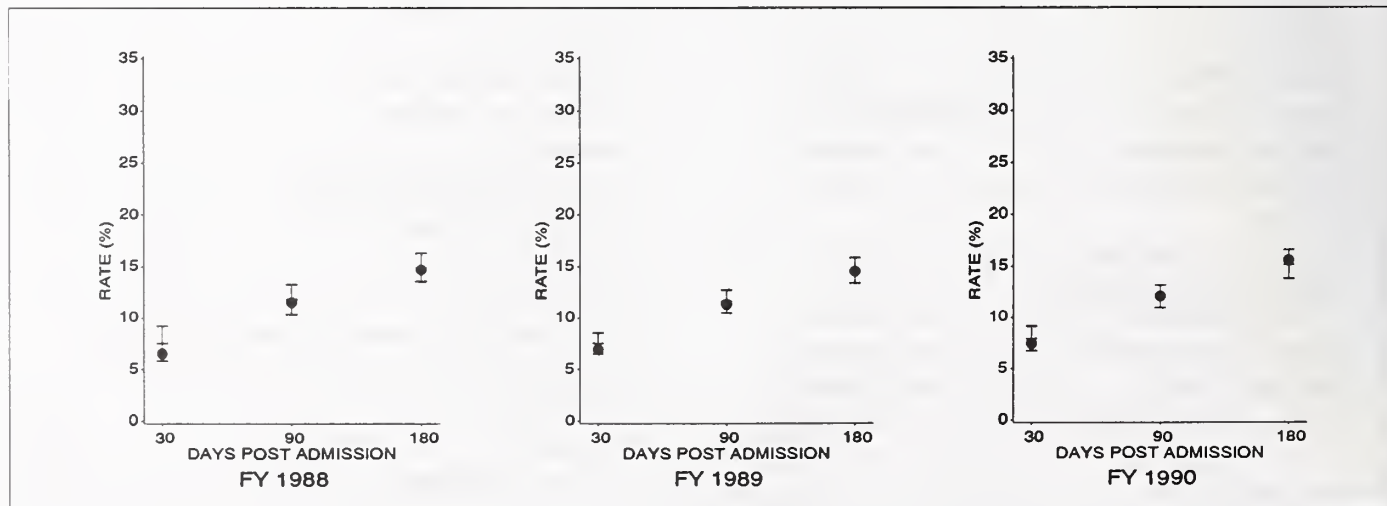
2160 S 1ST ST  
MAYWOOD, IL 60153  
Medicare Provider Number: 140276

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3453            | 7.4                 | 7.9  | 0.6  | 12.0    | 12.0 | 0.6  | 15.5     | 15.1 | 0.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 133             | 15.0                | 25.0 | 5.1  | 18.8    | 28.6 | 5.3  | 20.3     | 31.3 | 5.7  |
| Congestive Heart Failure.....              | 161             | 18.6                | 12.4 | 3.7  | 29.8    | 20.0 | 5.0  | 39.1     | 26.0 | 6.1  |
| Pneumonia/Influenza.....                   | 69              | 13.0                | 15.2 | 5.5  | 18.8    | 21.0 | 5.2  | 23.2     | 24.8 | 5.4  |
| Chronic Obstructive Pulmonary Disease..... | 17              | 0.0                 | 7.2  | ---- | 0.0     | 13.4 | ---- | 5.9      | 18.1 | ---- |
| Transient Cerebral Ischemia.....           | 40              | 0.0                 | 1.2  | ---- | 0.0     | 2.6  | ---- | 2.5      | 4.3  | ---- |
| Stroke.....                                | 89              | 16.9                | 20.8 | 5.8  | 27.0    | 27.3 | 5.0  | 28.1     | 31.1 | 5.6  |
| Hip Fracture.....                          | 35              | 8.6                 | 6.4  | ---- | 14.3    | 11.1 | ---- | 17.1     | 14.4 | ---- |
| Sepsis.....                                | 13              | 46.2                | 21.3 | ---- | 61.5    | 29.0 | ---- | 61.5     | 33.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 79              | 2.5                 | 3.3  | 2.9  | 2.5     | 4.2  | 3.4  | 2.5      | 5.1  | 4.0  |
| Coronary Artery Bypass Graft.....          | 326             | 6.1                 | 7.3  | 2.2  | 9.5     | 10.4 | 2.2  | 11.7     | 11.7 | 2.0  |
| Initial Pacemaker Insertion.....           | 25              | 4.0                 | 3.0  | ---- | 12.0    | 5.9  | ---- | 12.0     | 8.6  | ---- |
| Carotid Endarterectomy.....                | 29              | 0.0                 | 1.1  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.0  | ---- |
| Hip Replacement/Reconstruction.....        | 49              | 4.1                 | 2.2  | ---- | 6.1     | 3.8  | ---- | 6.1      | 5.0  | ---- |
| Open Reduction of Hip Fracture.....        | 19              | 5.3                 | 4.8  | ---- | 5.3     | 9.0  | ---- | 10.5     | 12.2 | ---- |
| Prostatectomy.....                         | 106             | 0.9                 | 0.8  | 0.9  | 2.8     | 1.9  | 1.5  | 4.7      | 3.4  | 2.2  |
| Cholecystectomy.....                       | 55              | 3.6                 | 3.6  | 2.6  | 3.6     | 6.4  | 4.0  | 3.6      | 8.3  | 5.4  |
| Hysterectomy.....                          | 26              | 0.0                 | 1.5  | ---- | 3.8     | 3.1  | ---- | 3.8      | 4.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FOSTER G MCGAW HOSPITAL

Medicare Provider Number: 140276

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 70.9 years  
Proportion female..... 49.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 36.7 %  
Admitted for emergency..... 40.1 %

### COMORBIDITIES:

Cancer..... 8.7 %  
Chronic cardiovascular disease..... 32.7 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 6.5 %  
Cerebrovascular degeneration..... 2.2 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 73.0%  
State..... 23.1%  
Outside State..... 3.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 10.0 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 566  
Occupancy Rate..... 86.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 29.7 %  
Case Mix Index (CMI)..... 1.9184

### STAFFING:

Total Number of Physicians..... 473  
Percent of Physicians Board  
Certified Specialists..... 88.2 %  
Medical Residents/Interns..... 415  
Registered Nurses..... 845  
Licensed Practical Nurses..... 0

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... Yes  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FRANCISCAN MEDICAL CENTER

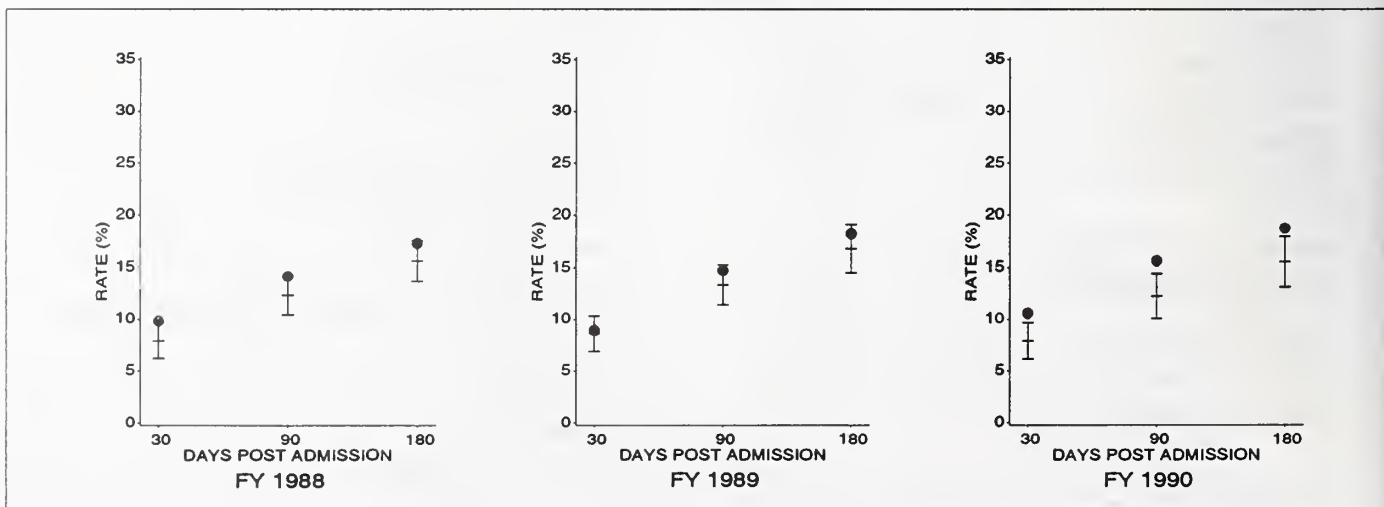
2701 17TH ST  
ROCK ISLAND, IL 61201  
Medicare Provider Number: 140280

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1728               | 10.5                | 7.9  | 0.9   | 15.6    | 12.2 | 1.1   | 18.7     | 15.5 | 1.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 55                 | 32.7                | 25.0 | 8.6   | 32.7    | 28.2 | 9.8   | 38.2     | 31.0 | 10.9  |
| Congestive Heart Failure.....              | 88                 | 18.2                | 14.7 | 5.1   | 22.7    | 23.3 | 6.5   | 30.7     | 29.4 | 6.7   |
| Pneumonia/Influenza.....                   | 114                | 21.9                | 15.9 | 4.7   | 28.9    | 21.9 | 4.8   | 34.2     | 26.0 | 5.7   |
| Chronic Obstructive Pulmonary Disease..... | 18                 | 33.3                | 10.7 | ----- | 38.9    | 17.5 | ----- | 38.9     | 22.3 | ----- |
| Transient Cerebral Ischemia.....           | 51                 | 3.9                 | 1.6  | 4.9   | 5.9     | 3.4  | 5.0   | 5.9      | 5.4  | 5.1   |
| Stroke.....                                | 66                 | 24.2                | 19.7 | 9.8   | 34.8    | 27.2 | 10.6  | 37.9     | 31.5 | 9.9   |
| Hip Fracture.....                          | 50                 | 14.0                | 4.6  | ----- | 16.0    | 8.8  | ----- | 18.0     | 12.1 | ----- |
| Sepsis.....                                | 18                 | 27.8                | 29.2 | ----- | 50.0    | 39.5 | ----- | 61.1     | 44.9 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 15                 | 6.7                 | 3.7  | ----- | 6.7     | 7.4  | ----- | 13.3     | 10.8 | ----- |
| Carotid Endarterectomy.....                | 15                 | 13.3                | 2.2  | ----- | 20.0    | 4.4  | ----- | 20.0     | 6.4  | ----- |
| Hip Replacement/Reconstruction.....        | 27                 | 7.4                 | 3.0  | ----- | 7.4     | 5.7  | ----- | 7.4      | 8.0  | ----- |
| Open Reduction of Hip Fracture.....        | 13                 | 15.4                | 3.8  | ----- | 23.1    | 7.3  | ----- | 23.1     | 10.3 | ----- |
| Prostatectomy.....                         | 33                 | 0.0                 | 1.0  | ----- | 0.0     | 2.3  | ----- | 6.1      | 4.0  | ----- |
| Cholecystectomy.....                       | 36                 | 0.0                 | 1.7  | ----- | 2.8     | 3.0  | ----- | 5.6      | 4.0  | ----- |
| Hysterectomy.....                          | 15                 | 6.7                 | 0.7  | ----- | 6.7     | 1.6  | ----- | 6.7      | 2.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FRANCISCAN MEDICAL CENTER

Medicare Provider Number: 140280

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.6 years

Proportion female..... 56.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.1 %

Transferred from skilled nursing facility..... 0.9 %

Admitted for elective procedure..... 8.8 %

Admitted for emergency..... 2.1 %

### COMORBIDITIES:

Cancer..... 5.0 %

Chronic cardiovascular disease..... 27.6 %

Chronic liver disease..... 0.7 %

Chronic renal disease..... 1.5 %

Chronic pulmonary disease..... 12.2 %

Cerebrovascular degeneration..... 6.8 %

Diabetes mellitus..... 8.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.0%

State ..... 8.0%

Outside State ..... 5.0%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.9 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 296

Occupancy Rate ..... 55.0 %

Ownership/Control..... Private, Non-Profit

Medicare Discharges ..... 37.9 %

Case Mix Index (CMI) ..... 1.1921

### STAFFING:

Total Number of Physicians..... 76

Percent of Physicians Board  
Certified Specialists..... 80.3 %

Medical Residents/Interns ..... 0

Registered Nurses..... 220

Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... Yes

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... Yes

Hospice Care ..... No

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes

Rehabilitation..... Yes

Psychiatric ..... Yes

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FRANKLIN HOSPITAL

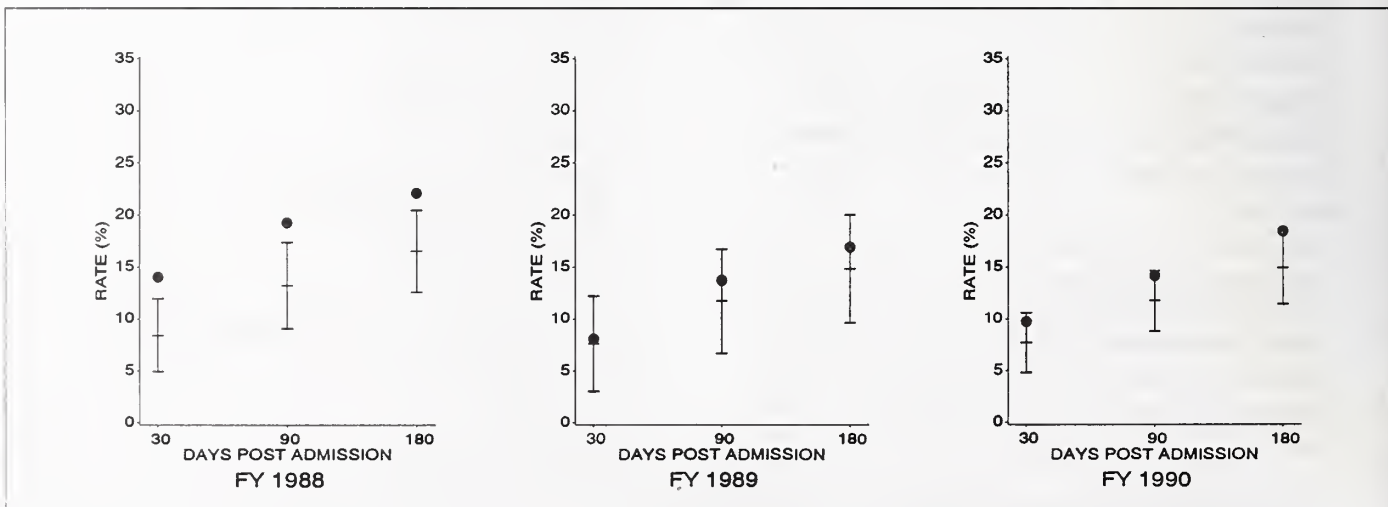
201 BAILEY LANE  
BENTON, IL 62812  
Medicare Provider Number: 140035

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 673             | 9.7                 | 7.7  | 1.4   | 14.1    | 11.7 | 1.5   | 18.4     | 14.9 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 32              | 31.3                | 23.7 | ----- | 34.4    | 26.2 | ----- | 37.5     | 28.9 | ----- |
| Congestive Heart Failure.....              | 48              | 14.6                | 15.5 | ----- | 18.8    | 24.6 | ----- | 31.3     | 32.0 | ----- |
| Pneumonia/Influenza.....                   | 29              | 10.3                | 17.3 | ----- | 17.2    | 23.2 | ----- | 20.7     | 27.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 10              | 0.0                 | 6.7  | ----- | 20.0    | 11.9 | ----- | 30.0     | 16.3 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 0.0                 | 1.4  | ----- | 0.0     | 3.3  | ----- | 4.5      | 5.6  | ----- |
| Stroke.....                                | 31              | 29.0                | 17.6 | ----- | 32.3    | 24.0 | ----- | 38.7     | 27.8 | ----- |
| Hip Fracture.....                          | 11              | 36.4                | 6.8  | ----- | 45.5    | 11.4 | ----- | 45.5     | 14.4 | ----- |
| Sepsis.....                                | 4               | 25.0                | 19.4 | ----- | 50.0    | 25.6 | ----- | 50.0     | 30.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 15              | 6.7                 | 1.1  | ----- | 6.7     | 2.0  | ----- | 6.7      | 2.7  | ----- |
| Open Reduction of Hip Fracture.....        | 7               | 28.6                | 6.8  | ----- | 28.6    | 12.1 | ----- | 28.6     | 15.5 | ----- |
| Prostatectomy.....                         | 17              | 0.0                 | 1.3  | ----- | 0.0     | 2.8  | ----- | 11.8     | 4.9  | ----- |
| Cholecystectomy.....                       | 10              | 10.0                | 1.4  | ----- | 10.0    | 2.5  | ----- | 10.0     | 3.3  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





**FRANKLIN HOSPITAL**  
Medicare Provider Number: 140035

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 76.1 years  
Proportion female..... 62.7 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 49.6 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 20.2 %  
Admitted for emergency..... 57.1 %

**COMORBIDITIES:**

Cancer..... 4.8 %  
Chronic cardiovascular disease..... 43.2 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 1.2 %  
Chronic pulmonary disease..... 23.2 %  
Cerebrovascular degeneration..... 3.7 %  
Diabetes mellitus..... 10.8 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 89.2%  
State ..... 10.2%  
Outside State ..... 0.6%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 175  
Occupancy Rate ..... 56.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 62.6 %  
Case Mix Index (CMI) ..... 1.0148

**STAFFING:**

Total Number of Physicians..... 14  
Percent of Physicians Board  
Certified Specialists..... 57.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 38  
Licensed Practical Nurses ..... 22

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# FREEPORT MEMORIAL HOSPITAL

1045 WEST STEPHENSON STREET

FREEPORT, IL 61032

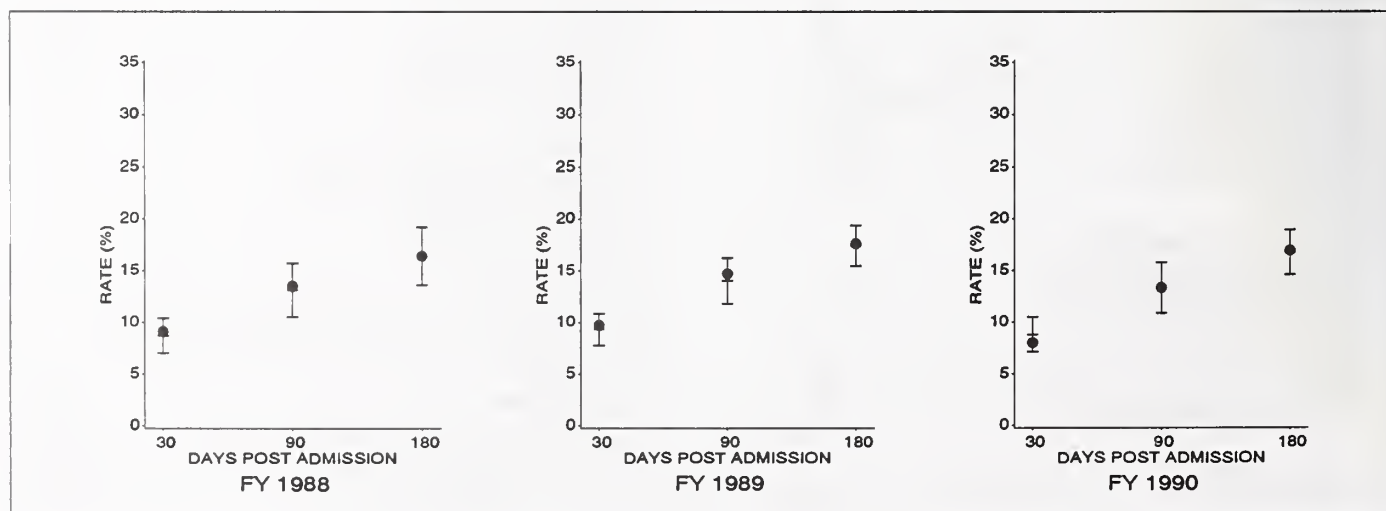
Medicare Provider Number: 140160

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1756            | 8.0                 | 8.8  | 0.8   | 13.3    | 13.3 | 1.2   | 16.9     | 16.7 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 42              | 31.0                | 32.2 | ----- | 35.7    | 35.2 | ----- | 40.5     | 38.1 | ----- |
| Congestive Heart Failure.....              | 105             | 10.5                | 15.0 | 4.5   | 22.9    | 24.1 | 4.2   | 31.4     | 30.7 | 4.6   |
| Pneumonia/Influenza.....                   | 84              | 15.5                | 14.7 | 4.0   | 19.0    | 19.8 | 5.5   | 22.6     | 23.4 | 6.4   |
| Chronic Obstructive Pulmonary Disease..... | 26              | 42.3                | 8.2  | ----- | 42.3    | 14.0 | ----- | 46.2     | 18.3 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 4.5                 | 2.4  | ----- | 4.5     | 5.7  | ----- | 9.1      | 9.5  | ----- |
| Stroke.....                                | 61              | 19.7                | 21.4 | 5.9   | 26.2    | 26.5 | 7.1   | 32.8     | 30.1 | 8.4   |
| Hip Fracture.....                          | 60              | 8.3                 | 6.2  | 3.5   | 8.3     | 11.2 | 4.6   | 10.0     | 14.8 | 5.7   |
| Sepsis.....                                | 12              | 16.7                | 21.9 | ----- | 16.7    | 26.5 | ----- | 16.7     | 29.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 28              | 0.0                 | 2.4  | ----- | 0.0     | 5.0  | ----- | 3.6      | 7.6  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 52              | 1.9                 | 3.5  | 3.1   | 1.9     | 6.5  | 5.0   | 1.9      | 8.8  | 6.3   |
| Open Reduction of Hip Fracture.....        | 24              | 16.7                | 5.6  | ----- | 16.7    | 10.4 | ----- | 16.7     | 14.0 | ----- |
| Prostatectomy.....                         | 56              | 1.8                 | 1.3  | 1.5   | 3.6     | 3.2  | 2.4   | 5.4      | 5.5  | 3.1   |
| Cholecystectomy.....                       | 41              | 2.4                 | 3.1  | ----- | 2.4     | 5.6  | ----- | 7.3      | 7.4  | ----- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 1.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FREEPORT MEMORIAL HOSPITAL

Medicare Provider Number: 140160

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 58.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.7 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 1.0 %  
Admitted for emergency..... 46.4 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 24.8 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 1.1 %  
Chronic pulmonary disease..... 9.9 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 6.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 68.4%  
State ..... 29.8%  
Outside State ..... 1.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 178  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 46.7 %  
Case Mix Index (CMI) ..... 1.1612

### STAFFING:

Total Number of Physicians..... 60  
Percent of Physicians Board  
Certified Specialists ..... 75.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 123  
Licensed Practical Nurses ..... 38

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# GALENA-STAUSS HOSPITAL

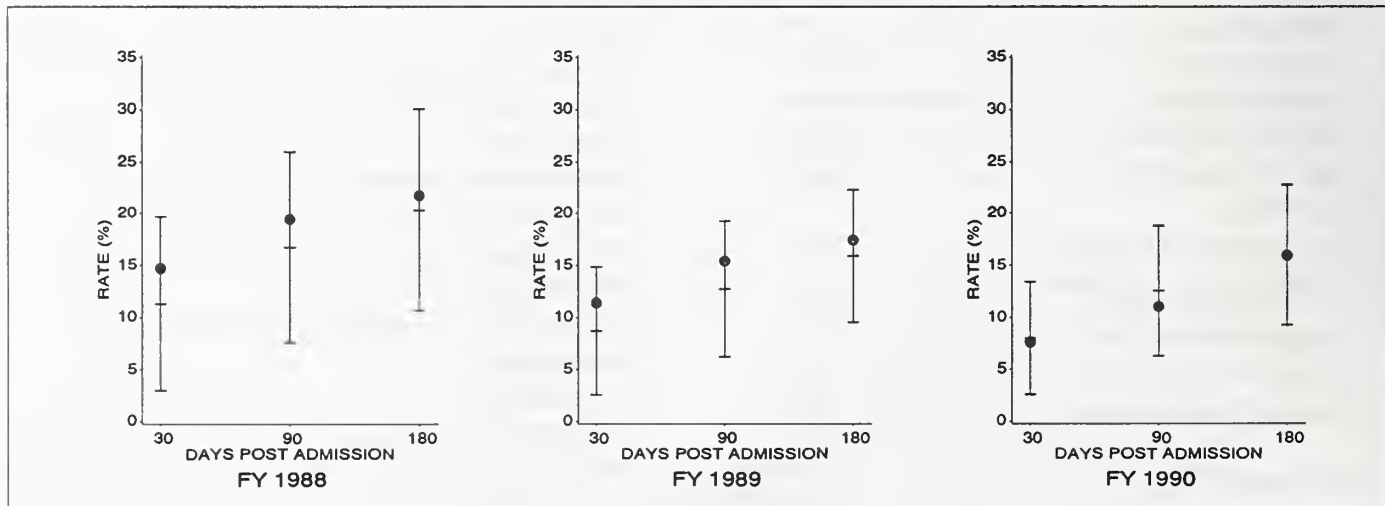
215 SUMMITT ST  
GALENA, IL 61036  
Medicare Provider Number: 140074

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 145             | 7.6                 | 8.0  | 2.7   | 11.0    | 12.5 | 3.1   | 15.9     | 16.0 | 3.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 6               | 33.3                | 22.6 | ----- | 33.3    | 26.1 | ----- | 33.3     | 29.2 | ----- |
| Congestive Heart Failure.....              | 5               | 0.0                 | 13.6 | ----- | 20.0    | 22.0 | ----- | 40.0     | 27.9 | ----- |
| Pneumonia/Influenza.....                   | 11              | 18.2                | 12.9 | ----- | 18.2    | 18.6 | ----- | 45.5     | 22.2 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 4.7  | ----- | 0.0     | 9.0  | ----- | 0.0      | 13.1 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.7  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 4               | 0.0                 | 15.6 | ----- | 0.0     | 22.4 | ----- | 0.0      | 26.3 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 2               | 50.0                | 22.0 | ----- | 50.0    | 31.3 | ----- | 50.0     | 37.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.5  | ----- | 0.0     | 2.8  | ----- | 0.0      | 3.8  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.4  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GALENA-STAUSS HOSPITAL

Medicare Provider Number: 140074

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.5 years |
| Proportion female.....        | 57.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 62.1 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 15.9 % |
| Admitted for emergency.....                    | 48.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 11.0 % |
| Chronic cardiovascular disease..... | 35.2 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 0.7 %  |
| Chronic pulmonary disease.....      | 16.6 % |
| Cerebrovascular degeneration.....   | 2.1 %  |
| Diabetes mellitus.....              | 9.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 92.2%  |
| State .....         | 2.9%   |
| Outside State ..... | 4.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.5 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 89                 |
| Occupancy Rate .....       | 64.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 48.8 %             |
| Case Mix Index (CMI) ..... | 1.1276             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 22     |
| Percent of Physicians Board<br>Certified Specialists ..... | 63.6 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 15     |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# GALESBURG COTTAGE HOSPITAL

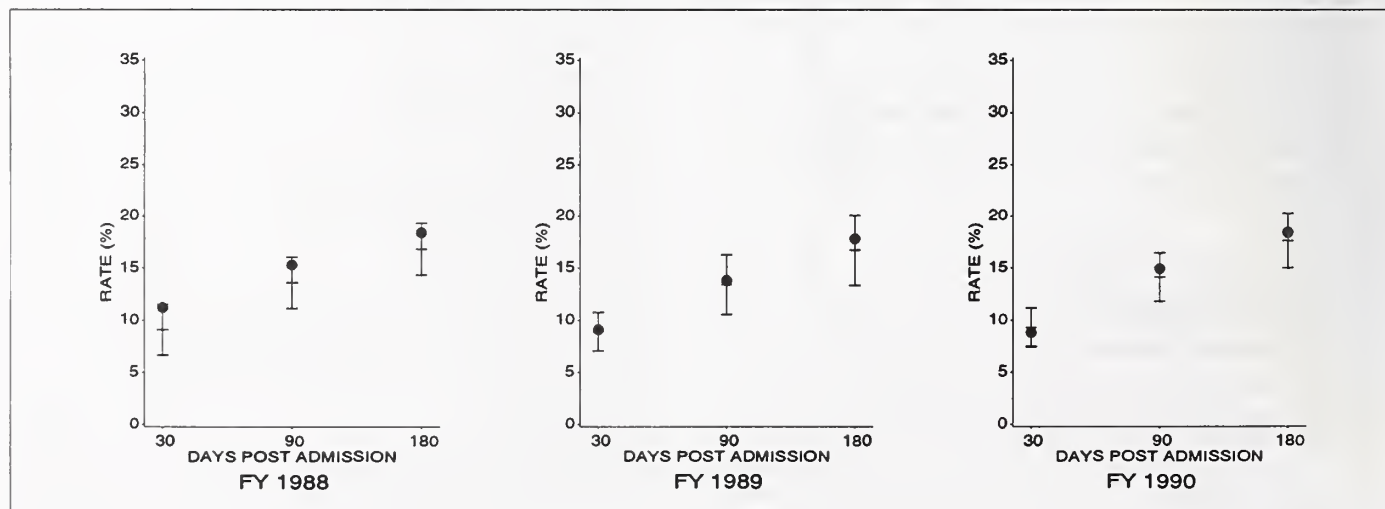
695 N KELLOGG ST  
GALESBURG, IL 61401  
Medicare Provider Number: 140040

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1398            | 8.8                 | 9.3  | 0.9   | 14.9    | 14.1 | 1.2   | 18.4     | 17.6 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 23.8                | 24.6 | ----- | 33.3    | 28.4 | ----- | 33.3     | 31.1 | ----- |
| Congestive Heart Failure.....              | 54              | 13.0                | 15.9 | 5.8   | 20.4    | 24.7 | 6.3   | 25.9     | 31.2 | 7.2   |
| Pneumonia/Influenza.....                   | 74              | 17.6                | 19.3 | 5.9   | 32.4    | 26.3 | 8.6   | 36.5     | 30.8 | 8.9   |
| Chronic Obstructive Pulmonary Disease..... | 41              | 7.3                 | 6.5  | ----- | 12.2    | 11.4 | ----- | 12.2     | 15.8 | ----- |
| Transient Cerebral Ischemia.....           | 29              | 0.0                 | 1.9  | ----- | 3.4     | 4.5  | ----- | 3.4      | 7.5  | ----- |
| Stroke.....                                | 60              | 21.7                | 19.9 | 6.9   | 28.3    | 25.9 | 6.1   | 30.0     | 29.6 | 6.0   |
| Hip Fracture.....                          | 37              | 5.4                 | 8.3  | ----- | 18.9    | 14.2 | ----- | 21.6     | 18.0 | ----- |
| Sepsis.....                                | 15              | 53.3                | 27.8 | ----- | 66.7    | 33.9 | ----- | 66.7     | 37.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 9.1                 | 4.4  | ----- | 18.2    | 7.8  | ----- | 18.2     | 11.2 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 40              | 2.5                 | 4.4  | ----- | 17.5    | 7.9  | ----- | 20.0     | 10.4 | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 6.3                 | 7.2  | ----- | 6.3     | 12.2 | ----- | 6.3      | 15.7 | ----- |
| Prostatectomy.....                         | 54              | 1.9                 | 1.2  | 2.4   | 3.7     | 2.7  | 2.7   | 3.7      | 4.6  | 3.4   |
| Cholecystectomy.....                       | 30              | 6.7                 | 2.0  | ----- | 6.7     | 3.5  | ----- | 6.7      | 4.7  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GALESBURG COTTAGE HOSPITAL

Medicare Provider Number: 140040

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.9 years  
Proportion female..... 56.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 34.5 %  
Admitted for emergency..... 56.8 %

### COMORBIDITIES:

Cancer..... 8.2 %  
Chronic cardiovascular disease..... 39.9 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 3.4 %  
Chronic pulmonary disease..... 14.2 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 7.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.8%  
State ..... 17.8%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 176  
Occupancy Rate ..... 50.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 35.4 %  
Case Mix Index (CMI) ..... 1.2584

### STAFFING:

Total Number of Physicians..... 67  
Percent of Physicians Board  
Certified Specialists..... 76.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 137  
Licensed Practical Nurses ..... 37

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# GATEWAY COMMUNITY HOSPITAL

1509 MARTIN LUTHER KING DR  
EAST ST LOUIS, IL 62201  
Medicare Provider Number: 140293

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 13                 | 0.0                 | 6.3  | ---- | 0.0     | 10.7 | ---- | 0.0      | 13.6 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# GATEWAY COMMUNITY HOSPITAL

Medicare Provider Number: 140293

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 53.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 30.8 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 69.2 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 30.8 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 7.7 %  
Diabetes mellitus..... 7.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 100.0%  
State ..... 0.0%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 12.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 177  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.8927

### STAFFING:

Medical Residents/Interns ..... 2  
Registered Nurses..... 28  
Licensed Practical Nurses ..... 26

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# GIBSON COMMUNITY HOSPITAL

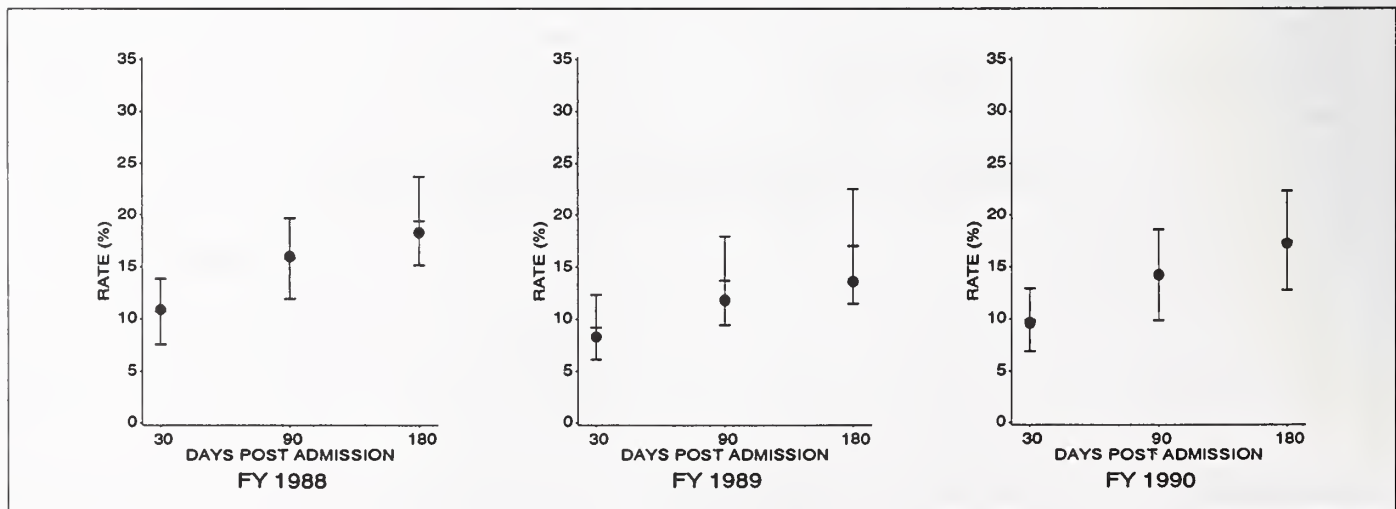
1120 NORTH MELVIN  
GIBSON CITY, IL 60936  
Medicare Provider Number: 140220

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 437             | 9.6                 | 9.9  | 1.5   | 14.2    | 14.2 | 2.2   | 17.2     | 17.5 | 2.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19              | 42.1                | 30.8 | ----- | 42.1    | 34.0 | ----- | 42.1     | 36.7 | ----- |
| Congestive Heart Failure.....              | 18              | 0.0                 | 13.9 | ----- | 11.1    | 20.9 | ----- | 16.7     | 27.2 | ----- |
| Pneumonia/Influenza.....                   | 35              | 17.1                | 14.6 | ----- | 22.9    | 19.7 | ----- | 22.9     | 23.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 12.5                | 10.6 | ----- | 37.5    | 18.3 | ----- | 37.5     | 24.0 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.6  | ----- | 0.0     | 3.8  | ----- | 0.0      | 6.0  | ----- |
| Stroke.....                                | 16              | 31.3                | 27.7 | ----- | 56.3    | 36.0 | ----- | 56.3     | 41.1 | ----- |
| Hip Fracture.....                          | 9               | 11.1                | 4.7  | ----- | 11.1    | 8.5  | ----- | 11.1     | 12.0 | ----- |
| Sepsis.....                                | 4               | 50.0                | 39.2 | ----- | 50.0    | 45.0 | ----- | 50.0     | 48.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 25.0                | 4.2  | ----- | 25.0    | 7.4  | ----- | 25.0     | 10.5 | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 4.5  | ----- | 0.0     | 8.6  | ----- | 0.0      | 12.3 | ----- |
| Prostatectomy.....                         | 4               | 0.0                 | 0.4  | ----- | 0.0     | 1.1  | ----- | 25.0     | 2.0  | ----- |
| Cholecystectomy.....                       | 13              | 0.0                 | 3.9  | ----- | 0.0     | 7.2  | ----- | 0.0      | 9.7  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 1.9  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GIBSON COMMUNITY HOSPITAL

Medicare Provider Number: 140220

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.5 years |
| Proportion female.....        | 61.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 56.3 % |
| Transferred from skilled nursing facility..... | 2.1 %  |
| Admitted for elective procedure.....           | 10.1 % |
| Admitted for emergency.....                    | 35.2 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.1 %  |
| Chronic cardiovascular disease..... | 39.6 % |
| Chronic liver disease.....          | 0.2 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 16.0 % |
| Cerebrovascular degeneration.....   | 3.4 %  |
| Diabetes mellitus.....              | 4.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 59.9%  |
| State .....         | 38.6%  |
| Outside State ..... | 1.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.8 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 82                  |
| Occupancy Rate .....       | 69.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 51.7 %              |
| Case Mix Index (CMI) ..... | 1.1176              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 11     |
| Percent of Physicians Board<br>Certified Specialists ..... | 81.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 25     |
| Licensed Practical Nurses .....                            | 6      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation .....      | No  |
| Psychiatric.....          | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used In calculating mortality rates

# GLENOAKS MEDICAL CENTER INC

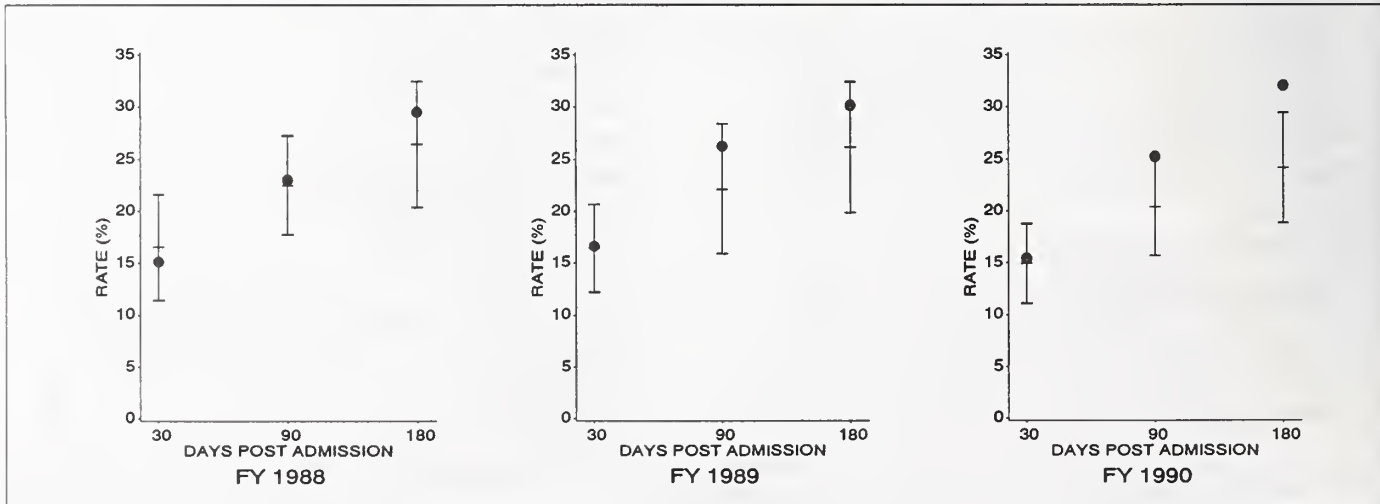
1505 JILL COURT  
GLENDAL HEIGHTS, IL 60137  
Medicare Provider Number: 140292

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 416             | 15.4                | 14.9 | 1.9  | 25.2    | 20.4 | 2.4  | 32.0     | 24.1 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13              | 38.5                | 34.4 | ---- | 61.5    | 37.7 | ---- | 61.5     | 41.2 | ---- |
| Congestive Heart Failure.....              | 22              | 22.7                | 15.4 | ---- | 36.4    | 23.3 | ---- | 50.0     | 29.4 | ---- |
| Pneumonia/Influenza.....                   | 25              | 12.0                | 18.5 | ---- | 36.0    | 25.3 | ---- | 40.0     | 29.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 7               | 14.3                | 12.3 | ---- | 28.6    | 19.1 | ---- | 42.9     | 23.5 | ---- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 1.8  | ---- | 0.0     | 4.0  | ---- | 14.3     | 6.3  | ---- |
| Stroke.....                                | 17              | 29.4                | 20.0 | ---- | 29.4    | 26.8 | ---- | 29.4     | 30.6 | ---- |
| Hip Fracture.....                          | 5               | 0.0                 | 5.2  | ---- | 0.0     | 9.8  | ---- | 0.0      | 13.2 | ---- |
| Sepsis.....                                | 18              | 22.2                | 31.6 | ---- | 33.3    | 41.7 | ---- | 38.9     | 46.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 50.0                | 4.0  | ---- | 50.0    | 7.5  | ---- | 50.0     | 11.3 | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.6  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.5  | ---- |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 6.3  | ---- | 0.0     | 12.7 | ---- | 0.0      | 16.7 | ---- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 4.2  | ---- | 0.0     | 8.2  | ---- | 0.0      | 11.7 | ---- |
| Prostatectomy.....                         | 6               | 0.0                 | 1.8  | ---- | 0.0     | 4.2  | ---- | 0.0      | 7.1  | ---- |
| Cholecystectomy.....                       | 4               | 25.0                | 5.9  | ---- | 50.0    | 9.0  | ---- | 75.0     | 10.5 | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GLENOAKS MEDICAL CENTER INC

Medicare Provider Number: 140292

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.8 years  
Proportion female..... 66.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 13.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 87.0 %

### COMORBIDITIES:

Cancer..... 3.6 %  
Chronic cardiovascular disease..... 51.7 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 1.2 %  
Chronic pulmonary disease..... 17.3 %  
Cerebrovascular degeneration..... 7.5 %  
Diabetes mellitus..... 6.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 75.1%  
State..... 20.7%  
Outside State..... 4.2%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.6 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 122  
Occupancy Rate..... 60.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 22.4 %  
Case Mix Index (CMI)..... 1.2049

### STAFFING:

Total Number of Physicians..... 131  
Percent of Physicians Board  
Certified Specialists..... 73.3 %  
Medical Residents/Interns..... 5  
Registered Nurses..... 112  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used In calculating mortality rates

# GOOD SAMARITAN HOSPITAL

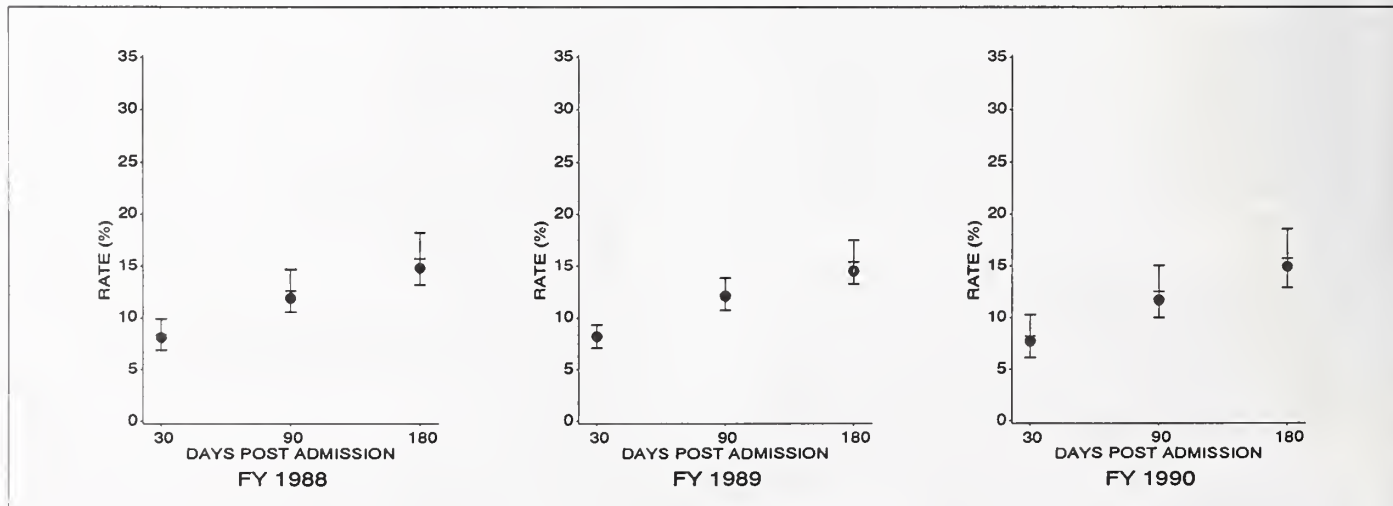
3815 HIGHLAND AVENUE  
DOWNERS GROVE, IL 60515  
Medicare Provider Number: 140288

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2373            | 7.7                 | 8.2  | 1.0  | 11.7    | 12.5 | 1.3  | 14.9     | 15.7 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 80              | 26.2                | 23.9 | 5.1  | 27.5    | 26.9 | 5.0  | 28.7     | 29.7 | 5.2  |
| Congestive Heart Failure.....              | 127             | 10.2                | 14.5 | 4.5  | 14.2    | 22.8 | 6.4  | 20.5     | 28.9 | 6.6  |
| Pneumonia/Influenza.....                   | 103             | 16.5                | 16.0 | 3.6  | 18.4    | 21.8 | 4.9  | 26.2     | 25.7 | 5.2  |
| Chronic Obstructive Pulmonary Disease..... | 14              | 14.3                | 9.7  | ---- | 21.4    | 16.2 | ---- | 35.7     | 21.2 | ---- |
| Transient Cerebral Ischemia.....           | 29              | 3.4                 | 1.8  | ---- | 10.3    | 3.8  | ---- | 10.3     | 5.9  | ---- |
| Stroke.....                                | 73              | 19.2                | 19.1 | 5.1  | 26.0    | 25.2 | 8.6  | 31.5     | 28.8 | 8.5  |
| Hip Fracture.....                          | 48              | 8.3                 | 7.2  | ---- | 10.4    | 12.9 | ---- | 16.7     | 16.8 | ---- |
| Sepsis.....                                | 16              | 18.8                | 28.0 | ---- | 43.8    | 37.6 | ---- | 62.5     | 42.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 82              | 0.0                 | 2.7  | 3.2  | 0.0     | 3.7  | 3.9  | 2.4      | 4.8  | 3.1  |
| Coronary Artery Bypass Graft.....          | 103             | 1.0                 | 5.0  | 3.1  | 2.9     | 6.8  | 3.6  | 2.9      | 7.8  | 3.8  |
| Initial Pacemaker Insertion.....           | 12              | 8.3                 | 4.0  | ---- | 8.3     | 6.8  | ---- | 8.3      | 9.2  | ---- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.1  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.3  | ---- |
| Hip Replacement/Reconstruction.....        | 34              | 5.9                 | 2.9  | ---- | 5.9     | 5.6  | ---- | 5.9      | 7.8  | ---- |
| Open Reduction of Hip Fracture.....        | 25              | 4.0                 | 6.5  | ---- | 8.0     | 12.2 | ---- | 16.0     | 16.3 | ---- |
| Prostatectomy.....                         | 54              | 0.0                 | 1.3  | 3.2  | 1.9     | 3.1  | 4.7  | 5.6      | 5.3  | 5.2  |
| Cholecystectomy.....                       | 61              | 1.6                 | 2.8  | 2.3  | 6.6     | 4.8  | 3.4  | 6.6      | 6.1  | 3.1  |
| Hysterectomy.....                          | 17              | 0.0                 | 0.6  | ---- | 0.0     | 1.3  | ---- | 0.0      | 1.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GOOD SAMARITAN HOSPITAL

Medicare Provider Number: 140288

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.1 years |
| Proportion female.....        | 57.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 37.8 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 10.2 % |
| Admitted for emergency.....                    | 51.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.6 %  |
| Chronic cardiovascular disease..... | 40.4 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 11.7 % |
| Cerebrovascular degeneration.....   | 3.8 %  |
| Diabetes mellitus.....              | 8.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 75.1%  |
| State .....         | 20.9%  |
| Outside State ..... | 4.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 280    |
| Occupancy Rate .....       | 73.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 34.0 % |
| Case Mix Index (CMI) ..... | 1.5400 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 348    |
| Percent of Physicians Board<br>Certified Specialists ..... | 73.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 454    |
| Licensed Practical Nurses .....                            | 0      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# GOOD SAMARITAN REGIONAL HEALTH CENTER

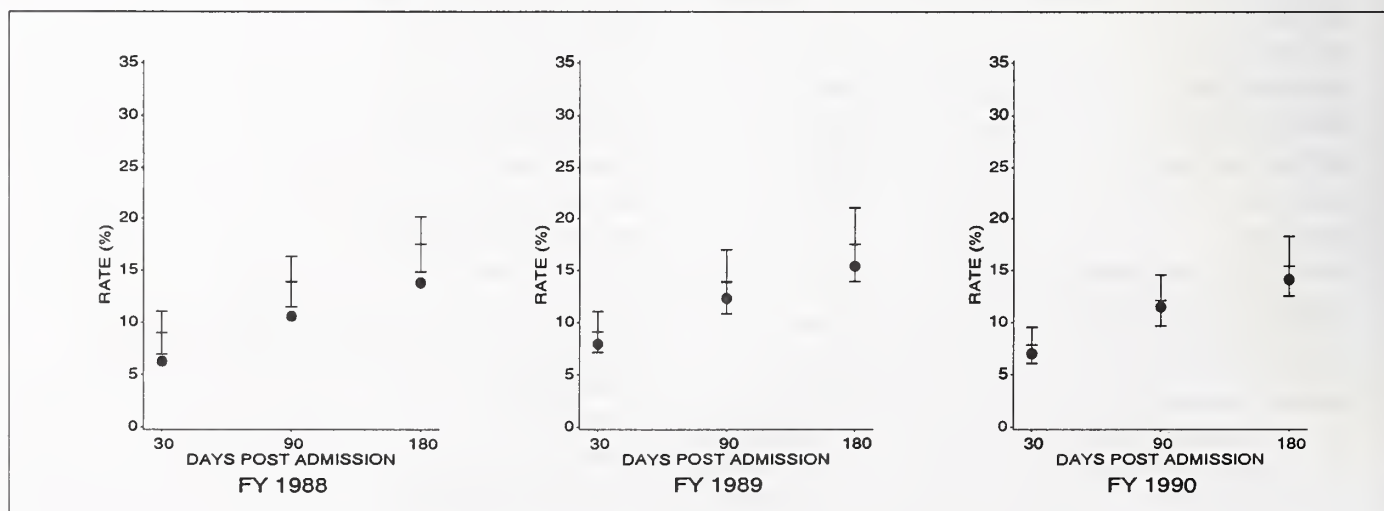
605 N 12TH STREET  
MOUNT VERNON, IL 62864  
Medicare Provider Number: 140046

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1226               | 7.0                 | 7.8  | 0.9  | 11.5    | 12.1 | 1.2  | 14.1     | 15.4 | 1.5  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 27                 | 25.9                | 28.9 | ---- | 40.7    | 31.9 | ---- | 40.7     | 34.9 | ---- |
| Congestive Heart Failure.....              | 43                 | 9.3                 | 14.6 | ---- | 14.0    | 23.6 | ---- | 16.3     | 30.1 | ---- |
| Pneumonia/Influenza.....                   | 79                 | 10.1                | 12.7 | 4.4  | 16.5    | 17.5 | 6.8  | 17.7     | 20.8 | 6.2  |
| Chronic Obstructive Pulmonary Disease..... | 10                 | 0.0                 | 10.4 | ---- | 0.0     | 17.8 | ---- | 30.0     | 23.8 | ---- |
| Transient Cerebral Ischemia.....           | 22                 | 4.5                 | 1.8  | ---- | 4.5     | 4.2  | ---- | 4.5      | 7.0  | ---- |
| Stroke.....                                | 31                 | 16.1                | 18.6 | ---- | 29.0    | 25.2 | ---- | 32.3     | 29.2 | ---- |
| Hip Fracture.....                          | 42                 | 4.8                 | 5.4  | ---- | 7.1     | 9.5  | ---- | 9.5      | 12.6 | ---- |
| Sepsis.....                                | 36                 | 8.3                 | 25.9 | ---- | 13.9    | 34.4 | ---- | 22.2     | 39.3 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3                  | 0.0                 | 2.1  | ---- | 0.0     | 5.0  | ---- | 0.0      | 8.4  | ---- |
| Carotid Endarterectomy.....                | 3                  | 0.0                 | 1.1  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 35                 | 0.0                 | 2.8  | ---- | 0.0     | 5.6  | ---- | 0.0      | 7.9  | ---- |
| Open Reduction of Hip Fracture.....        | 18                 | 0.0                 | 5.6  | ---- | 0.0     | 9.8  | ---- | 0.0      | 13.1 | ---- |
| Prostatectomy.....                         | 47                 | 2.1                 | 1.4  | ---- | 4.3     | 3.3  | ---- | 6.4      | 5.6  | ---- |
| Cholecystectomy.....                       | 24                 | 4.2                 | 1.7  | ---- | 4.2     | 3.3  | ---- | 4.2      | 4.4  | ---- |
| Hysterectomy.....                          | 9                  | 11.1                | 1.0  | ---- | 11.1    | 2.0  | ---- | 11.1     | 3.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GOOD SAMARITAN REGIONAL HEALTH CENTER

Medicare Provider Number: 140046

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.2 years |
| Proportion female.....        | 57.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 63.7 % |
| Transferred from skilled nursing facility..... | 0.2 %  |
| Admitted for elective procedure.....           | 49.3 % |
| Admitted for emergency.....                    | 45.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.5 %  |
| Chronic cardiovascular disease..... | 34.6 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 4.3 %  |
| Chronic pulmonary disease.....      | 17.3 % |
| Cerebrovascular degeneration.....   | 2.9 %  |
| Diabetes mellitus.....              | 8.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 56.4%  |
| State .....         | 42.2%  |
| Outside State ..... | 1.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.5 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 142    |
| Occupancy Rate .....       | 51.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 43.1 % |
| Case Mix Index (CMI) ..... | 1.2085 |

### STAFFING:

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| Total Number of Physicians.....                           | 45              |
| Percent of Physicians Board<br>Certified Specialists..... | 93.3 %          |
| Medical Residents/Interns .....                           | (Not Available) |
| Registered Nurses.....                                    | (Not Available) |
| Licensed Practical Nurses .....                           | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# GOOD SHEPHERD HOSPITAL

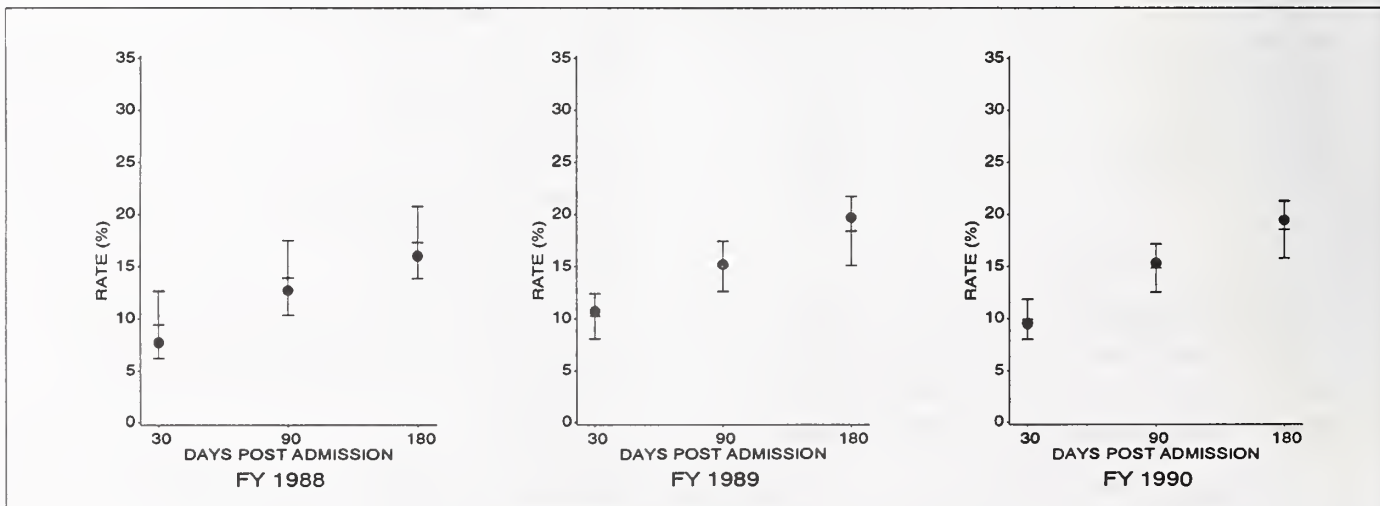
450 WEST HIGHWAY 22  
BARRINGTON, IL 60010  
Medicare Provider Number: 140291

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1097               | 9.5                 | 9.9  | 1.0   | 15.3    | 14.8 | 1.2   | 19.4     | 18.5 | 1.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 27                 | 25.9                | 30.5 | ----- | 25.9    | 33.1 | ----- | 29.6     | 35.8 | ----- |
| Congestive Heart Failure.....              | 57                 | 10.5                | 14.6 | 6.2   | 19.3    | 23.1 | 6.8   | 35.1     | 29.2 | 7.5   |
| Pneumonia/Influenza.....                   | 81                 | 25.9                | 19.4 | 9.1   | 32.1    | 26.3 | 10.6  | 34.6     | 30.7 | 11.1  |
| Chronic Obstructive Pulmonary Disease..... | 27                 | 3.7                 | 7.0  | ----- | 7.4     | 12.1 | ----- | 22.2     | 16.4 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 1.4  | ----- | 6.3     | 3.0  | ----- | 6.3      | 4.8  | ----- |
| Stroke.....                                | 49                 | 16.3                | 23.8 | ----- | 26.5    | 29.6 | ----- | 34.7     | 33.6 | ----- |
| Hip Fracture.....                          | 44                 | 4.5                 | 7.2  | ----- | 13.6    | 12.4 | ----- | 13.6     | 16.0 | ----- |
| Sepsis.....                                | 12                 | 41.7                | 31.8 | ----- | 50.0    | 39.4 | ----- | 58.3     | 44.0 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 2.1  | ----- | 0.0     | 4.2  | ----- | 0.0      | 6.3  | ----- |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 0.6  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.7  | ----- |
| Hip Replacement/Reconstruction.....        | 23                 | 4.3                 | 3.9  | ----- | 8.7     | 7.1  | ----- | 8.7      | 9.6  | ----- |
| Open Reduction of Hip Fracture.....        | 23                 | 4.3                 | 6.9  | ----- | 8.7     | 12.1 | ----- | 8.7      | 15.7 | ----- |
| Prostatectomy.....                         | 23                 | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 4.3      | 5.3  | ----- |
| Cholecystectomy.....                       | 19                 | 0.0                 | 1.7  | ----- | 0.0     | 3.0  | ----- | 0.0      | 4.1  | ----- |
| Hysterectomy.....                          | 6                  | 0.0                 | 1.2  | ----- | 16.7    | 2.6  | ----- | 16.7     | 3.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GOOD SHEPHERD HOSPITAL

Medicare Provider Number: 140291

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 61.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.3 %  
Transferred from skilled nursing facility..... 2.7 %  
Admitted for elective procedure..... 16.1 %  
Admitted for emergency..... 52.1 %

### COMORBIDITIES:

Cancer..... 6.7 %  
Chronic cardiovascular disease..... 40.2 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 16.8 %  
Cerebrovascular degeneration..... 4.7 %  
Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 51.5%  
State ..... 43.1%  
Outside State ..... 5.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 162  
Occupancy Rate ..... 63.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 22.4 %  
Case Mix Index (CMI) ..... 1.2527

### STAFFING:

Total Number of Physicians..... 169  
Percent of Physicians Board  
Certified Specialists ..... 93.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 226  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# GOTTLIEB MEMORIAL HOSPITAL

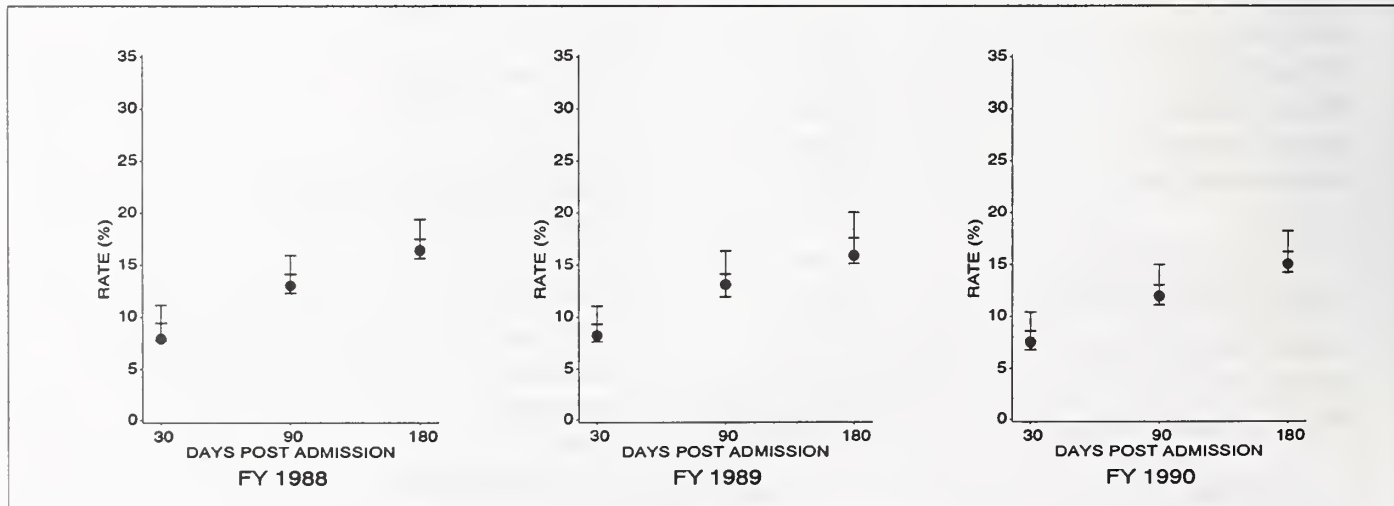
701 WEST NORTH AVE  
MELROSE PARK, IL 60160  
Medicare Provider Number: 140008

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2295               | 7.5                 | 8.6  | 0.9  | 11.9    | 13.0 | 1.0  | 15.0     | 16.2 | 1.0  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 69                 | 23.2                | 27.1 | 6.8  | 23.2    | 29.7 | 6.6  | 23.2     | 32.1 | 7.3  |
| Congestive Heart Failure.....              | 161                | 11.2                | 13.4 | 4.7  | 19.9    | 21.1 | 4.4  | 26.7     | 27.2 | 4.5  |
| Pneumonia/Influenza.....                   | 85                 | 17.6                | 15.7 | 4.4  | 21.2    | 21.4 | 4.5  | 23.5     | 25.2 | 4.9  |
| Chronic Obstructive Pulmonary Disease..... | 27                 | 11.1                | 8.7  | ---- | 18.5    | 14.4 | ---- | 22.2     | 18.5 | ---- |
| Transient Cerebral Ischemia.....           | 50                 | 0.0                 | 1.6  | ---- | 0.0     | 3.6  | ---- | 4.0      | 5.8  | ---- |
| Stroke.....                                | 101                | 15.8                | 20.8 | 5.5  | 23.8    | 27.2 | 5.4  | 26.7     | 30.9 | 5.4  |
| Hip Fracture.....                          | 34                 | 8.8                 | 6.3  | ---- | 11.8    | 10.7 | ---- | 11.8     | 13.6 | ---- |
| Sepsis.....                                | 22                 | 22.7                | 23.6 | ---- | 31.8    | 30.5 | ---- | 36.4     | 34.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 62                 | 4.8                 | 4.0  | 2.5  | 6.5     | 5.4  | 3.8  | 12.9     | 6.8  | 4.5  |
| Coronary Artery Bypass Graft.....          | 65                 | 7.7                 | 5.9  | 4.6  | 12.3    | 8.3  | 6.5  | 13.8     | 9.3  | 7.1  |
| Initial Pacemaker Insertion.....           | 19                 | 5.3                 | 4.5  | ---- | 5.3     | 8.0  | ---- | 5.3      | 11.1 | ---- |
| Carotid Endarterectomy.....                | 5                  | 0.0                 | 1.7  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.0  | ---- |
| Hip Replacement/Reconstruction.....        | 26                 | 3.8                 | 3.6  | ---- | 7.7     | 6.4  | ---- | 7.7      | 8.5  | ---- |
| Open Reduction of Hip Fracture.....        | 17                 | 5.9                 | 5.5  | ---- | 5.9     | 9.5  | ---- | 5.9      | 12.3 | ---- |
| Prostatectomy.....                         | 78                 | 0.0                 | 1.3  | 1.8  | 1.3     | 2.9  | 2.8  | 1.3      | 4.6  | 4.1  |
| Cholecystectomy.....                       | 40                 | 0.0                 | 2.1  | ---- | 0.0     | 3.6  | ---- | 2.5      | 4.5  | ---- |
| Hysterectomy.....                          | 20                 | 0.0                 | 0.6  | ---- | 0.0     | 1.3  | ---- | 0.0      | 2.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GOTTLIEB MEMORIAL HOSPITAL

Medicare Provider Number: 140008

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.9 years  
Proportion female..... 59.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.0 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 16.9 %  
Admitted for emergency..... 55.8 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 47.1 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 2.8 %  
Chronic pulmonary disease..... 14.1 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 10.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 92.5%  
State ..... 5.9%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 275  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 38.9 %  
Case Mix Index (CMI) ..... 1.3754

### STAFFING:

Total Number of Physicians..... 190  
Percent of Physicians Board  
Certified Specialists ..... 80.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 176  
Licensed Practical Nurses ..... 25

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# GRAHAM HOSPITAL ASSOCIATION

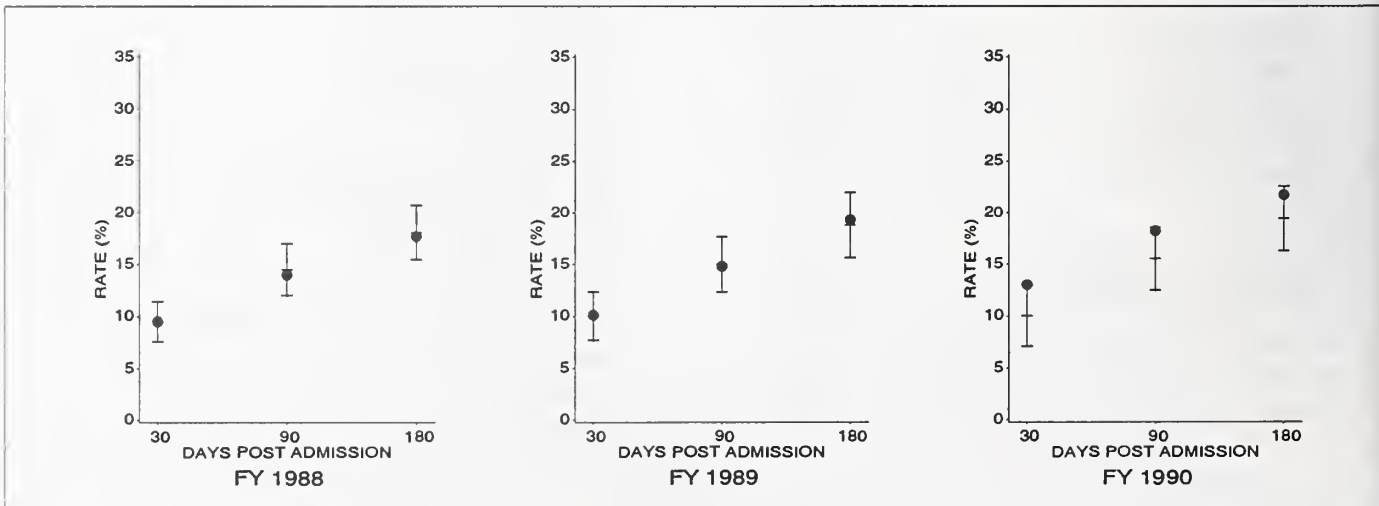
210 WEST WALNUT STREET  
CANTON, IL 61520  
Medicare Provider Number: 140001

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 831             | 13.0                | 10.0 | 1.5  | 18.2    | 15.5 | 1.5  | 21.7     | 19.4 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 27              | 40.7                | 23.4 | ---- | 40.7    | 27.6 | ---- | 44.4     | 30.8 | ---- |
| Congestive Heart Failure.....              | 78              | 14.1                | 14.6 | 4.1  | 19.2    | 23.1 | 5.3  | 21.8     | 29.6 | 6.9  |
| Pneumonia/Influenza.....                   | 58              | 24.1                | 13.2 | 6.9  | 29.3    | 17.9 | 7.4  | 36.2     | 21.4 | 8.9  |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 9.2  | ---- | 7.7     | 15.4 | ---- | 7.7      | 19.5 | ---- |
| Transient Cerebral Ischemia.....           | 13              | 0.0                 | 1.6  | ---- | 7.7     | 3.8  | ---- | 15.4     | 6.3  | ---- |
| Stroke.....                                | 28              | 28.6                | 18.0 | ---- | 28.6    | 25.0 | ---- | 32.1     | 28.6 | ---- |
| Hip Fracture.....                          | 24              | 16.7                | 5.7  | ---- | 33.3    | 10.5 | ---- | 37.5     | 14.0 | ---- |
| Sepsis.....                                | 23              | 26.1                | 19.3 | ---- | 39.1    | 27.2 | ---- | 39.1     | 31.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 8               | 12.5                | 5.9  | ---- | 12.5    | 11.3 | ---- | 12.5     | 15.4 | ---- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 2.6  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.6  | ---- |
| Hip Replacement/Reconstruction.....        | 15              | 13.3                | 5.1  | ---- | 20.0    | 9.7  | ---- | 26.7     | 13.3 | ---- |
| Open Reduction of Hip Fracture.....        | 7               | 28.6                | 4.1  | ---- | 42.9    | 7.6  | ---- | 42.9     | 10.2 | ---- |
| Prostatectomy.....                         | 12              | 0.0                 | 1.5  | ---- | 0.0     | 3.7  | ---- | 0.0      | 6.2  | ---- |
| Cholecystectomy.....                       | 14              | 0.0                 | 3.0  | ---- | 0.0     | 5.4  | ---- | 7.1      | 6.9  | ---- |
| Hysterectomy.....                          | 9               | 11.1                | 2.8  | ---- | 11.1    | 6.5  | ---- | 11.1     | 10.1 | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GRAHAM HOSPITAL ASSOCIATION

Medicare Provider Number: 140001

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 58.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 85.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 3.6 %  
Admitted for emergency..... 37.4 %

### COMORBIDITIES:

Cancer..... 8.2 %  
Chronic cardiovascular disease..... 41.2 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 18.1 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 10.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 91.9%  
State ..... 6.7%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 121  
Occupancy Rate ..... 64.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 51.1 %  
Case Mix Index (CMI) ..... 1.2602

### STAFFING:

Total Number of Physicians..... 24  
Percent of Physicians Board  
Certified Specialists ..... 66.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 82  
Licensed Practical Nurses ..... 20

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# GRANT HOSPITAL OF CHICAGO

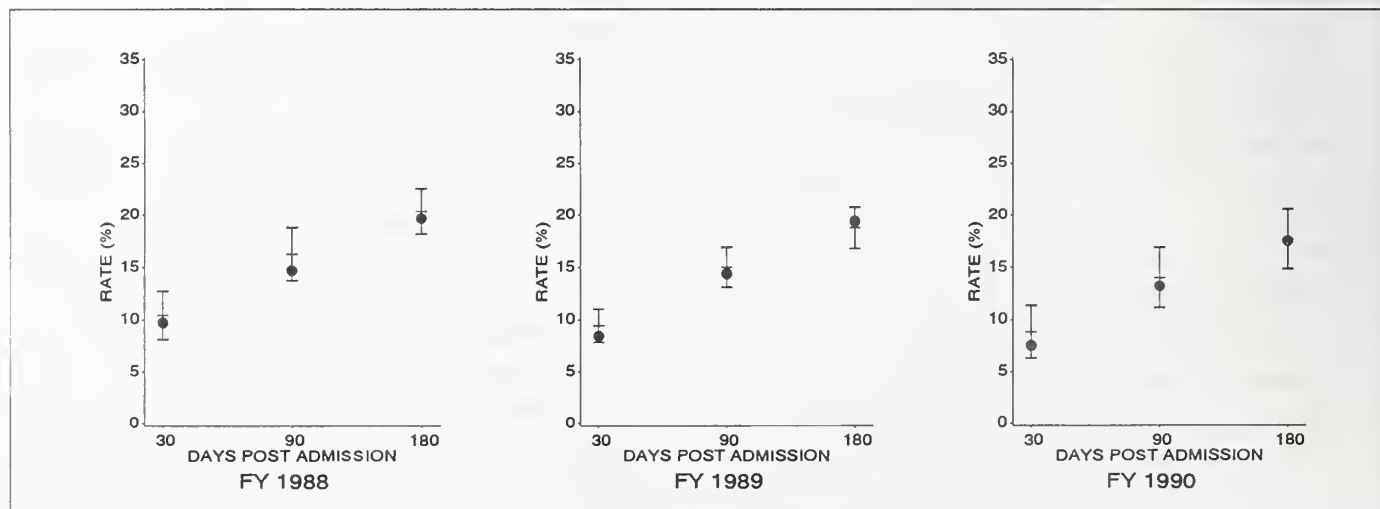
550 W WEBSTER AVE  
CHICAGO, IL 60614  
Medicare Provider Number: 140207

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1818            | 7.5                 | 8.8  | 1.3   | 13.2    | 14.0 | 1.4   | 17.5     | 17.7 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 33.3                | 24.5 | ----- | 35.6    | 27.6 | ----- | 37.8     | 30.6 | ----- |
| Congestive Heart Failure.....              | 108             | 11.1                | 13.8 | 5.1   | 22.2    | 22.5 | 9.9   | 29.6     | 28.9 | 9.6   |
| Pneumonia/Influenza.....                   | 42              | 7.1                 | 15.7 | ----- | 11.9    | 21.4 | ----- | 21.4     | 25.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 32              | 6.3                 | 9.1  | ----- | 9.4     | 16.4 | ----- | 9.4      | 21.6 | ----- |
| Transient Cerebral Ischemia.....           | 30              | 0.0                 | 1.6  | ----- | 3.3     | 3.5  | ----- | 6.7      | 5.8  | ----- |
| Stroke.....                                | 52              | 11.5                | 17.5 | 6.0   | 19.2    | 22.6 | 6.0   | 28.8     | 25.8 | 6.2   |
| Hip Fracture.....                          | 32              | 3.1                 | 6.2  | ----- | 9.4     | 11.0 | ----- | 12.5     | 14.6 | ----- |
| Sepsis.....                                | 19              | 15.8                | 27.4 | ----- | 31.6    | 38.3 | ----- | 42.1     | 43.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 17              | 5.9                 | 3.1  | ----- | 5.9     | 4.2  | ----- | 11.8     | 5.2  | ----- |
| Coronary Artery Bypass Graft.....          | 11              | 18.2                | 5.0  | ----- | 27.3    | 6.5  | ----- | 36.4     | 7.2  | ----- |
| Initial Pacemaker Insertion.....           | 24              | 0.0                 | 3.5  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.8  | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.7  | ----- | 20.0    | 3.1  | ----- | 40.0     | 5.0  | ----- |
| Hip Replacement/Reconstruction.....        | 17              | 0.0                 | 4.1  | ----- | 5.9     | 7.7  | ----- | 5.9      | 10.5 | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 5.3  | ----- | 9.1     | 9.2  | ----- | 18.2     | 12.1 | ----- |
| Prostatectomy.....                         | 74              | 2.7                 | 1.5  | 1.7   | 5.4     | 3.1  | 2.9   | 8.1      | 4.9  | 4.3   |
| Cholecystectomy.....                       | 34              | 2.9                 | 2.0  | ----- | 2.9     | 3.7  | ----- | 2.9      | 5.1  | ----- |
| Hysterectomy.....                          | 7               | 14.3                | 0.2  | ----- | 14.3    | 0.6  | ----- | 14.3     | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GRANT HOSPITAL OF CHICAGO

Medicare Provider Number: 140207

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.7 years  
Proportion female..... 60.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.7 %  
Transferred from skilled nursing facility..... 1.1 %  
Admitted for elective procedure..... 15.0 %  
Admitted for emergency..... 84.7 %

### COMORBIDITIES:

Cancer..... 7.3 %  
Chronic cardiovascular disease..... 42.7 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 4.7 %  
Chronic pulmonary disease..... 10.0 %  
Cerebrovascular degeneration..... 5.7 %  
Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 96.5%  
State ..... 1.5%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 313  
Occupancy Rate ..... 69.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 36.3 %  
Case Mix Index (CMI) ..... 1.2471

### STAFFING:

Total Number of Physicians..... 338  
Percent of Physicians Board  
Certified Specialists ..... 84.3 %  
Medical Residents/Interns ..... 39  
Registered Nurses..... 285  
Licensed Practical Nurses ..... 32

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HAMILTON MEMORIAL HOSPITAL

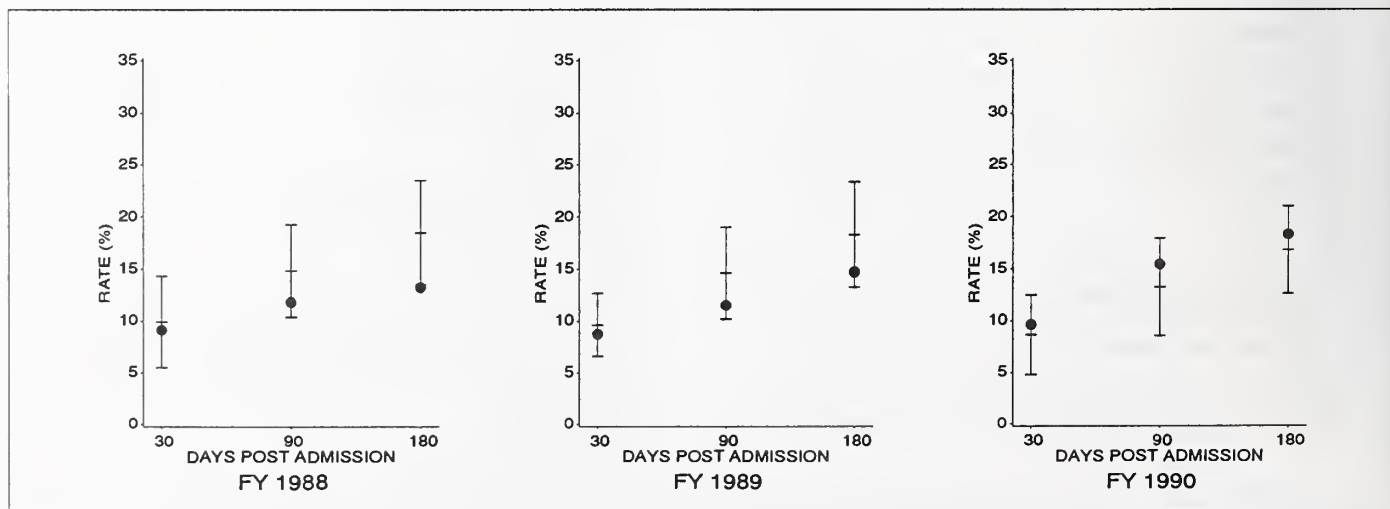
611 S MARSHALL  
MCLEANSBORO, IL 62859  
Medicare Provider Number: 140171

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 448                | 9.6                 | 8.6  | 1.9  | 15.4    | 13.2 | 2.4  | 18.3     | 16.8 | 2.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 10                 | 40.0                | 37.8 | ---- | 40.0    | 40.9 | ---- | 40.0     | 43.8 | ---- |
| Congestive Heart Failure.....              | 29                 | 27.6                | 15.2 | ---- | 34.5    | 24.0 | ---- | 37.9     | 30.5 | ---- |
| Pneumonia/Influenza.....                   | 20                 | 20.0                | 13.6 | ---- | 20.0    | 18.2 | ---- | 20.0     | 21.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 10                 | 10.0                | 12.2 | ---- | 10.0    | 21.8 | ---- | 10.0     | 28.0 | ---- |
| Transient Cerebral Ischemia.....           | 5                  | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.3  | ---- |
| Stroke.....                                | 10                 | 30.0                | 19.0 | ---- | 40.0    | 24.2 | ---- | 40.0     | 27.9 | ---- |
| Hip Fracture.....                          | 8                  | 0.0                 | 6.8  | ---- | 25.0    | 11.9 | ---- | 25.0     | 14.5 | ---- |
| Sepsis.....                                | 1                  | 100.0               | 31.8 | ---- | 100.0   | 36.0 | ---- | 100.0    | 40.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 2                  | 0.0                 | 8.6  | ---- | 50.0    | 15.6 | ---- | 50.0     | 19.3 | ---- |
| Open Reduction of Hip Fracture.....        | 6                  | 0.0                 | 5.3  | ---- | 16.7    | 9.6  | ---- | 16.7     | 12.0 | ---- |
| Prostatectomy.....                         | 10                 | 0.0                 | 2.1  | ---- | 0.0     | 4.7  | ---- | 0.0      | 7.8  | ---- |
| Cholecystectomy.....                       | 2                  | 0.0                 | 6.9  | ---- | 0.0     | 13.3 | ---- | 0.0      | 18.1 | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 2.2  | ---- | 0.0     | 4.4  | ---- | 0.0      | 6.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HAMILTON MEMORIAL HOSPITAL

Medicare Provider Number: 140171

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.2 years |
| Proportion female.....        | 63.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 38.6 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 2.2 %  |
| Admitted for emergency.....                    | 57.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.8 %  |
| Chronic cardiovascular disease..... | 39.7 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.0 %  |
| Chronic pulmonary disease.....      | 13.6 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 3.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 82.2%  |
| State .....         | 16.0%  |
| Outside State ..... | 1.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.6 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 101                |
| Occupancy Rate .....       | 75.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 59.8 %             |
| Case Mix Index (CMI) ..... | 0.8593             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 5      |
| Percent of Physicians Board<br>Certified Specialists ..... | 60.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 20     |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# HAMMOND-HENRY HOSPITAL

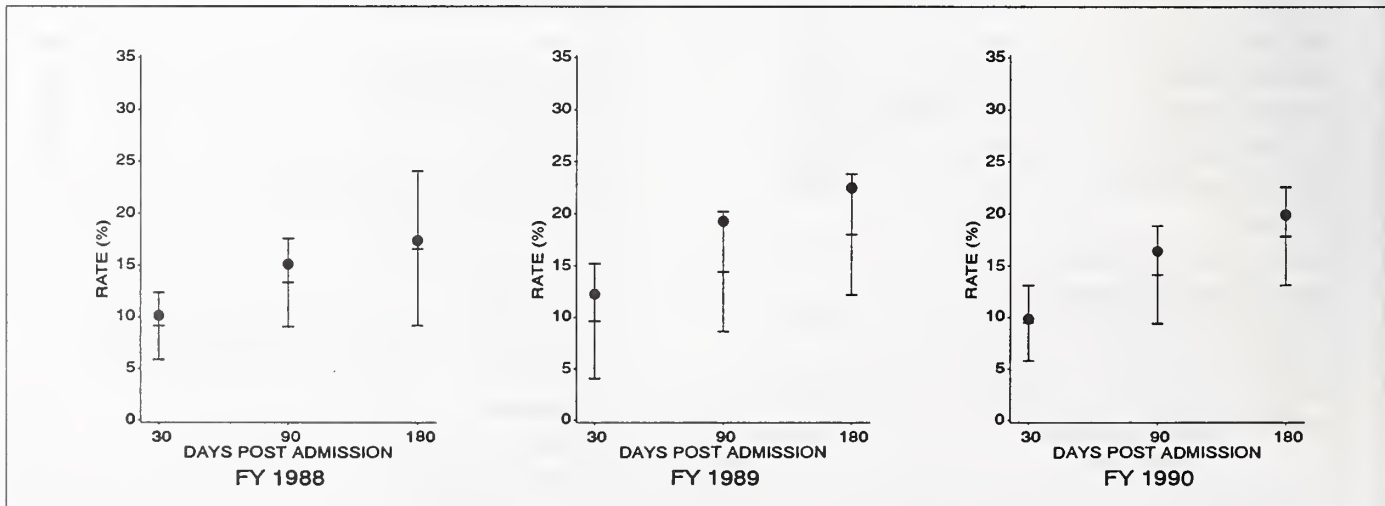
210 WEST ELK  
GENESEO, IL 61254  
Medicare Provider Number: 140041

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 336                | 9.8                 | 9.4  | 1.8   | 16.4    | 14.1 | 2.4   | 19.9     | 17.8 | 2.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19                 | 21.1                | 25.7 | ----- | 21.1    | 28.9 | ----- | 26.3     | 32.5 | ----- |
| Congestive Heart Failure.....              | 27                 | 0.0                 | 13.3 | ----- | 14.8    | 21.4 | ----- | 22.2     | 27.9 | ----- |
| Pneumonia/Influenza.....                   | 24                 | 12.5                | 12.4 | ----- | 20.8    | 17.1 | ----- | 20.8     | 20.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 7                  | 14.3                | 9.1  | ----- | 14.3    | 15.8 | ----- | 28.6     | 20.6 | ----- |
| Transient Cerebral Ischemia.....           | 10                 | 10.0                | 0.9  | ----- | 10.0    | 2.3  | ----- | 10.0     | 3.9  | ----- |
| Stroke.....                                | 14                 | 35.7                | 15.6 | ----- | 42.9    | 20.8 | ----- | 42.9     | 24.7 | ----- |
| Hip Fracture.....                          | 15                 | 0.0                 | 5.2  | ----- | 6.7     | 9.3  | ----- | 6.7      | 12.5 | ----- |
| Sepsis.....                                | 3                  | 0.0                 | 26.3 | ----- | 33.3    | 32.3 | ----- | 33.3     | 37.7 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 7                  | 0.0                 | 4.1  | ----- | 0.0     | 7.6  | ----- | 0.0      | 10.6 | ----- |
| Open Reduction of Hip Fracture.....        | 8                  | 0.0                 | 5.3  | ----- | 12.5    | 9.7  | ----- | 12.5     | 13.2 | ----- |
| Prostatectomy.....                         | 11                 | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 0.0      | 3.0  | ----- |
| Cholecystectomy.....                       | 5                  | 0.0                 | 5.0  | ----- | 20.0    | 9.2  | ----- | 20.0     | 11.5 | ----- |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# **HAMMOND-HENRY HOSPITAL**

Medicare Provider Number: 140041

## **FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

### **DEMOGRAPHICS:**

Average age at admission..... 78.3 years  
Proportion female..... 59.5 %

### **ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 84.2 %  
Transferred from skilled nursing facility..... 2.7 %  
Admitted for elective procedure..... 9.5 %  
Admitted for emergency..... 0.0 %

### **COMORBIDITIES:**

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 28.0 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.1 %  
Chronic pulmonary disease..... 6.5 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 3.3 %

## **ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

### **ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 85.9%  
State ..... 12.9%  
Outside State ..... 1.2%  
Total ..... 100.0%

### **MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 4.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## **HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### **PROFILE:**

Total Beds ..... 105  
Occupancy Rate ..... 63.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 47.7 %  
Case Mix Index (CMI) ..... 0.9980

### **STAFFING:**

Total Number of Physicians..... 9  
Percent of Physicians Board  
Certified Specialists..... 77.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 54  
Licensed Practical Nurses ..... 10

### **SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HARDIN COUNTY GENERAL HOSPITAL

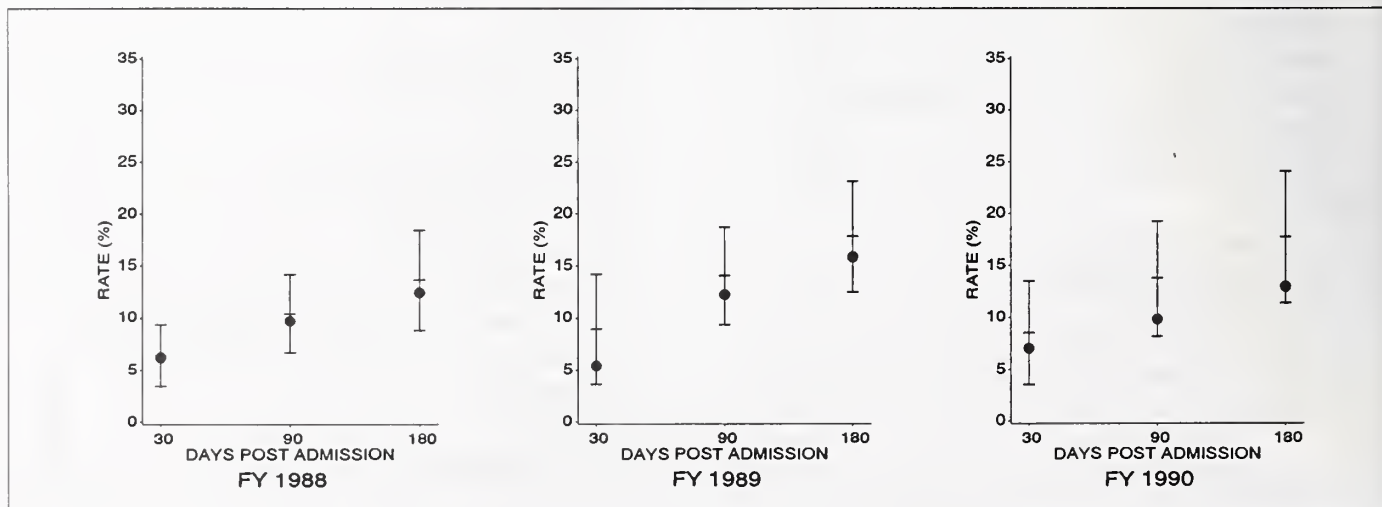
FERRELL ROAD  
ROSICLARE, IL 62982  
Medicare Provider Number: 140005

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 286             | 7.0                 | 8.5  | 2.5   | 9.8     | 13.7 | 2.8   | 12.9     | 17.7 | 3.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4               | 75.0                | 32.1 | ----- | 75.0    | 34.3 | ----- | 75.0     | 37.3 | ----- |
| Congestive Heart Failure.....              | 22              | 9.1                 | 16.6 | ----- | 18.2    | 26.8 | ----- | 22.7     | 33.9 | ----- |
| Pneumonia/Influenza.....                   | 22              | 13.6                | 14.1 | ----- | 13.6    | 19.0 | ----- | 22.7     | 23.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 9.1                 | 11.1 | ----- | 9.1     | 19.1 | ----- | 9.1      | 25.7 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 2.6  | ----- | 0.0     | 5.6  | ----- | 0.0      | 9.0  | ----- |
| Stroke.....                                | 1               | 0.0                 | 16.8 | ----- | 0.0     | 19.0 | ----- | 0.0      | 21.8 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 4               | 25.0                | 1.4  | ----- | 25.0    | 2.4  | ----- | 25.0     | 3.1  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HARDIN COUNTY GENERAL HOSPITAL

Medicare Provider Number: 140005

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years

Proportion female..... 59.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.1 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 8.7 %

Admitted for emergency..... 68.9 %

### COMORBIDITIES:

Cancer..... 4.5 %

Chronic cardiovascular disease..... 43.0 %

Chronic liver disease..... 0.0 %

Chronic renal disease..... 3.8 %

Chronic pulmonary disease..... 12.9 %

Cerebrovascular degeneration..... 2.8 %

Diabetes mellitus..... 10.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 71.4%

State ..... 28.2%

Outside State ..... 0.4%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.6 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 48

Occupancy Rate ..... 45.0 %

Ownership/Control..... Private, Non-Profit

Medicare Discharges ..... 45.7 %

Case Mix Index (CMI) ..... 0.9459

### STAFFING:

Total Number of Physicians..... 5

Percent of Physicians Board  
Certified Specialists..... 20.0 %

Medical Residents/Interns ..... 0

Registered Nurses..... 14

Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... No

Hospice Care ..... No

Medical/Surgical Intensive Care ..... No

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HARRISBURG MEDICAL CENTER

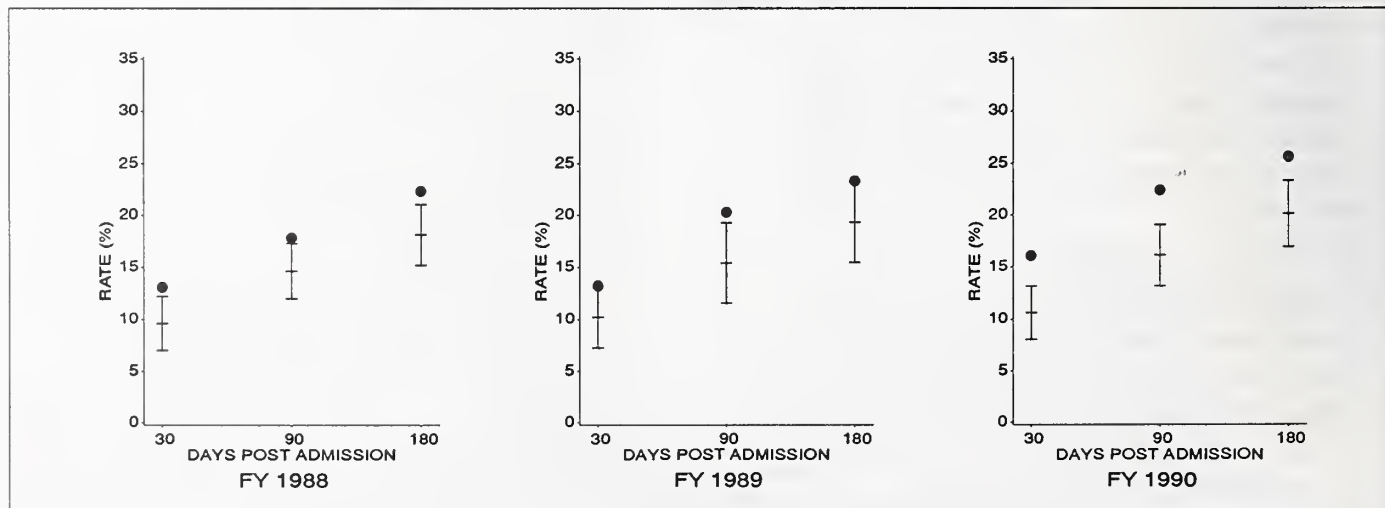
17 COUNTRY CLUB COURT  
HARRISBURG, IL 62946  
Medicare Provider Number: 140210

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 753                | 16.1                | 10.6 | 1.3   | 22.4    | 16.1 | 1.5   | 25.6     | 20.1 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 20                 | 40.0                | 29.2 | ----- | 45.0    | 33.1 | ----- | 45.0     | 35.7 | ----- |
| Congestive Heart Failure.....              | 53                 | 39.6                | 19.1 | 7.7   | 45.3    | 30.2 | 8.2   | 47.2     | 37.6 | 10.4  |
| Pneumonia/Influenza.....                   | 39                 | 38.5                | 17.3 | ----- | 43.6    | 23.5 | ----- | 46.2     | 27.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 10.0                | 4.8  | ----- | 10.0    | 9.4  | ----- | 10.0     | 13.5 | ----- |
| Transient Cerebral Ischemia.....           | 12                 | 8.3                 | 1.5  | ----- | 8.3     | 3.6  | ----- | 8.3      | 6.2  | ----- |
| Stroke.....                                | 28                 | 17.9                | 14.6 | ----- | 21.4    | 21.4 | ----- | 25.0     | 25.2 | ----- |
| Hip Fracture.....                          | 13                 | 7.7                 | 8.2  | ----- | 15.4    | 14.7 | ----- | 15.4     | 19.0 | ----- |
| Sepsis.....                                | 29                 | 20.7                | 31.5 | ----- | 34.5    | 37.9 | ----- | 34.5     | 42.5 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5                  | 0.0                 | 6.8  | ----- | 20.0    | 13.6 | ----- | 20.0     | 18.6 | ----- |
| Open Reduction of Hip Fracture.....        | 8                  | 12.5                | 7.6  | ----- | 12.5    | 13.5 | ----- | 12.5     | 17.4 | ----- |
| Prostatectomy.....                         | 37                 | 0.0                 | 1.1  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.8  | ----- |
| Cholecystectomy.....                       | 18                 | 0.0                 | 4.4  | ----- | 5.6     | 8.0  | ----- | 16.7     | 10.5 | ----- |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HARRISBURG MEDICAL CENTER

Medicare Provider Number: 140210

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.5 years  
Proportion female..... 59.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.9 %  
Transferred from skilled nursing facility..... 2.3 %  
Admitted for elective procedure..... 9.0 %  
Admitted for emergency..... 25.6 %

### COMORBIDITIES:

Cancer..... 8.8 %  
Chronic cardiovascular disease..... 34.8 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 16.3 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 7.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 78.6%  
State ..... 19.2%  
Outside State ..... 2.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 77  
Occupancy Rate ..... 58.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 45.2 %  
Case Mix Index (CMI) ..... 1.0507

### STAFFING:

Total Number of Physicians..... 15  
Percent of Physicians Board  
Certified Specialists..... 93.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 56  
Licensed Practical Nurses ..... 22

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HARVARD COMMUNITY MEMORIAL HOSPITAL

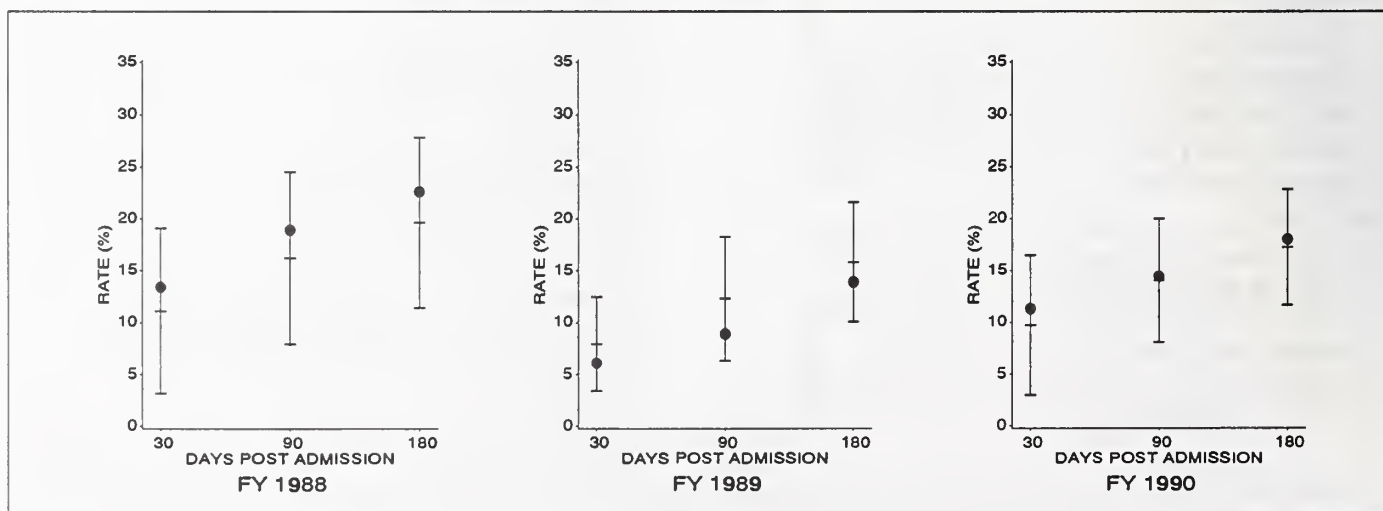
901 GRANT ST  
HARVARD, IL 60033  
Medicare Provider Number: 140144

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 194             | 11.3                | 9.7  | 3.4  | 14.4    | 14.0 | 3.0  | 18.0     | 17.2 | 2.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5               | 40.0                | 24.6 | ---- | 40.0    | 27.1 | ---- | 40.0     | 29.7 | ---- |
| Congestive Heart Failure.....              | 13              | 0.0                 | 11.4 | ---- | 0.0     | 18.0 | ---- | 15.4     | 23.1 | ---- |
| Pneumonia/Influenza.....                   | 15              | 6.7                 | 15.4 | ---- | 20.0    | 21.1 | ---- | 26.7     | 24.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 7.1  | ---- | 0.0     | 13.3 | ---- | 0.0      | 18.8 | ---- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 2.0  | ---- | 0.0     | 4.6  | ---- | 0.0      | 7.8  | ---- |
| Stroke.....                                | 12              | 41.7                | 22.6 | ---- | 50.0    | 27.9 | ---- | 50.0     | 31.4 | ---- |
| Hip Fracture.....                          | 5               | 0.0                 | 5.9  | ---- | 0.0     | 11.3 | ---- | 0.0      | 15.3 | ---- |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 5.8  | ---- | 0.0     | 12.2 | ---- | 0.0      | 16.6 | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 6.1  | ---- | 0.0     | 11.7 | ---- | 0.0      | 15.7 | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.9  | ---- |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.5  | ---- | 0.0     | 2.8  | ---- | 0.0      | 3.8  | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 1.1  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HARVARD COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140144

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.1 years

Proportion female..... 53.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 52.6 %

Transferred from skilled nursing facility..... 1.0 %

Admitted for elective procedure..... 6.7 %

Admitted for emergency..... 55.2 %

### COMORBIDITIES:

Cancer..... 4.6 %

Chronic cardiovascular disease..... 34.5 %

Chronic liver disease..... 0.0 %

Chronic renal disease..... 0.0 %

Chronic pulmonary disease..... 10.8 %

Cerebrovascular degeneration..... 2.6 %

Diabetes mellitus..... 10.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 77.8%

State..... 7.3%

Outside State..... 14.9%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.1 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 82

Occupancy Rate..... 46.0 %

Ownership/Control..... District/Authority

Medicare Discharges.....(Not Available)

Case Mix Index (CMI)..... 1.0168

### STAFFING:

Total Number of Physicians..... (Not Available)

Percent of Physicians Board  
Certified Specialists.....(Not Available)

Medical Residents/Interns..... (Not Available)

Registered Nurses..... (Not Available)

Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... No

Comprehensive Geriatric..... No

Hospice Care..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

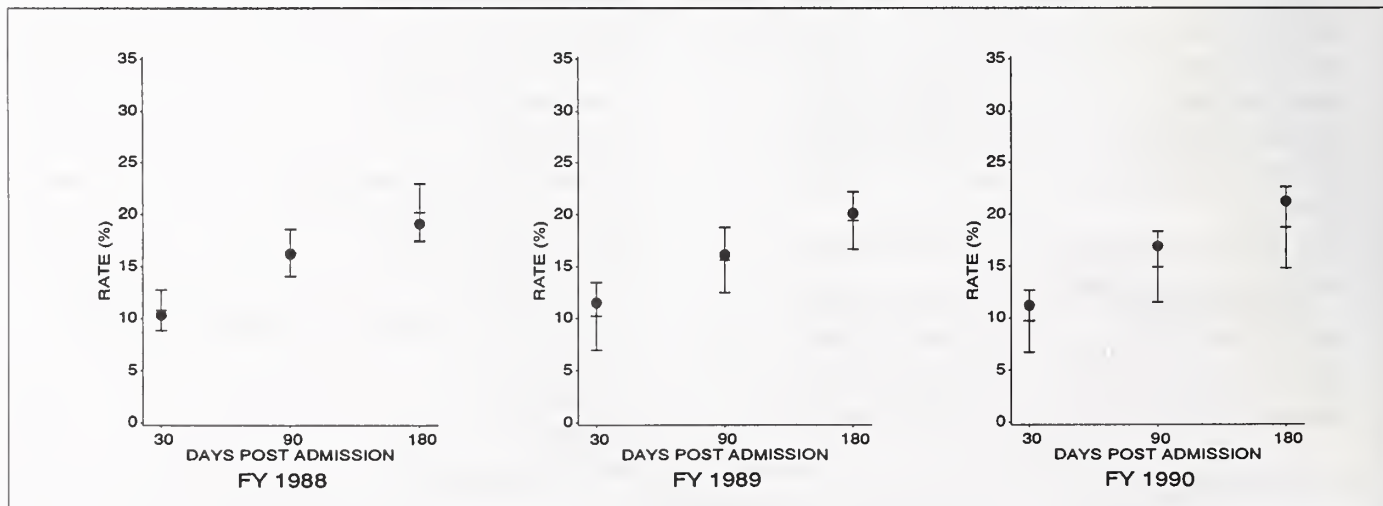
**HERRIN HOSPITAL**  
201 S 14TH ST  
HERRIN, IL 62948  
Medicare Provider Number: 140011

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 934             | 11.2                | 9.7  | 1.5   | 16.9    | 14.9 | 1.7   | 21.2     | 18.7 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 30              | 36.7                | 28.1 | ----- | 43.3    | 32.3 | ----- | 46.7     | 35.8 | ----- |
| Congestive Heart Failure.....              | 63              | 19.0                | 14.0 | 5.6   | 31.7    | 22.0 | 8.1   | 39.7     | 28.3 | 9.0   |
| Pneumonia/Influenza.....                   | 31              | 24.7                | 17.9 | 5.3   | 34.6    | 24.8 | 7.4   | 40.7     | 29.5 | 7.9   |
| Chronic Obstructive Pulmonary Disease..... | 21              | 4.8                 | 8.2  | ----- | 4.8     | 14.3 | ----- | 38.1     | 19.3 | ----- |
| Transient Cerebral Ischemia.....           | 17              | 5.9                 | 2.8  | ----- | 5.9     | 6.4  | ----- | 5.9      | 10.2 | ----- |
| Stroke.....                                | 31              | 22.6                | 17.5 | ----- | 29.0    | 23.9 | ----- | 32.3     | 27.5 | ----- |
| Hip Fracture.....                          | 18              | 5.6                 | 5.1  | ----- | 11.1    | 9.7  | ----- | 11.1     | 13.2 | ----- |
| Sepsis.....                                | 4               | 50.0                | 29.6 | ----- | 50.0    | 37.4 | ----- | 50.0     | 42.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 50.0                | 1.0  | ----- | 50.0    | 2.6  | ----- | 50.0     | 4.6  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 1.2  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.4  | ----- |
| Hip Replacement/Reconstruction.....        | 14              | 0.0                 | 2.9  | ----- | 7.1     | 5.4  | ----- | 7.1      | 7.6  | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 5.1  | ----- | 11.1    | 10.4 | ----- | 11.1     | 14.5 | ----- |
| Prostatectomy.....                         | 4               | 0.0                 | 2.3  | ----- | 0.0     | 4.8  | ----- | 0.0      | 7.4  | ----- |
| Cholecystectomy.....                       | 11              | 0.0                 | 1.9  | ----- | 9.1     | 3.3  | ----- | 9.1      | 4.1  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# HERRIN HOSPITAL

Medicare Provider Number: 140011

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.0 years |
| Proportion female.....        | 66.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 86.6 % |
| Transferred from skilled nursing facility..... | 13.2 % |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 69.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.3 %  |
| Chronic cardiovascular disease..... | 35.3 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 16.8 % |
| Cerebrovascular degeneration.....   | 5.8 %  |
| Diabetes mellitus.....              | 9.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 66.0%  |
| State .....         | 32.4%  |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 108                 |
| Occupancy Rate .....       | 64.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 51.0 %              |
| Case Mix Index (CMI) ..... | 1.0892              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 36     |
| Percent of Physicians Board<br>Certified Specialists ..... | 66.7 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 62     |
| Licensed Practical Nurses .....                            | 42     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# HIGHLAND HOSPITAL INC

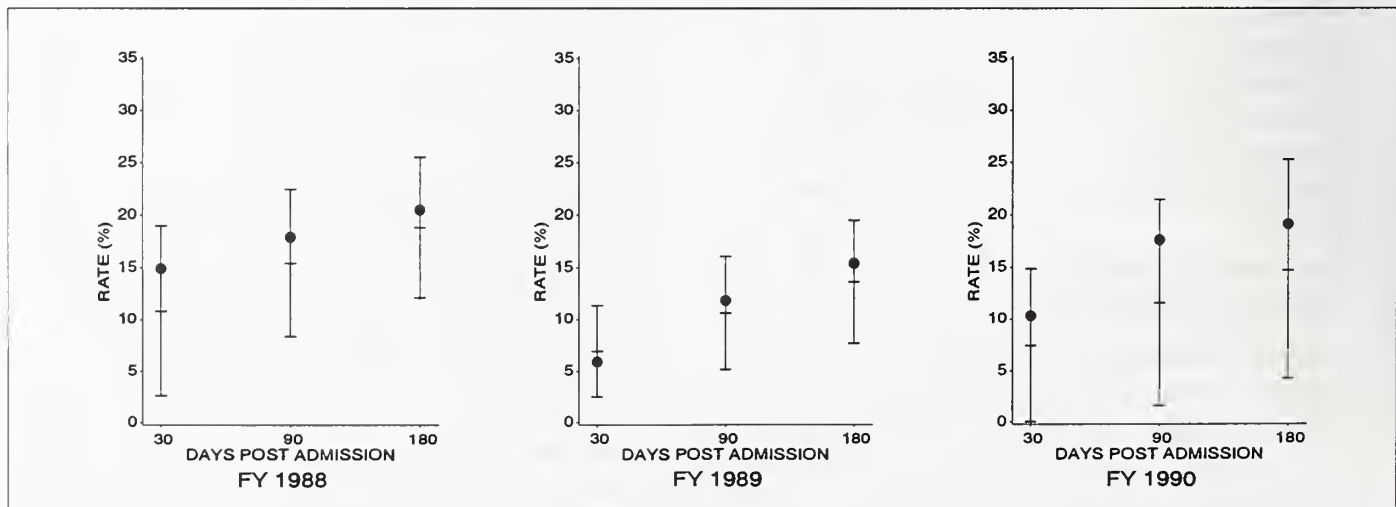
1625 SO STATE  
BELVIDERE, IL 61008  
Medicare Provider Number: 140205

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 136             | 10.3                | 7.4  | 3.7   | 17.6    | 11.5 | 5.0   | 19.1     | 14.7 | 5.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 3               | 0.0                 | 27.8 | ----- | 0.0     | 29.8 | ----- | 0.0      | 32.2 | ----- |
| Congestive Heart Failure.....              | 11              | 9.1                 | 14.3 | ----- | 27.3    | 24.0 | ----- | 27.3     | 31.4 | ----- |
| Pneumonia/Influenza.....                   | 5               | 0.0                 | 17.9 | ----- | 40.0    | 24.6 | ----- | 40.0     | 27.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 100.0               | 21.2 | ----- | 100.0   | 34.5 | ----- | 100.0    | 40.2 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.3  | ----- | 0.0     | 3.2  | ----- | 0.0      | 5.8  | ----- |
| Stroke.....                                | 4               | 25.0                | 24.7 | ----- | 75.0    | 34.5 | ----- | 75.0     | 39.2 | ----- |
| Hip Fracture.....                          | 9               | 11.1                | 4.9  | ----- | 22.2    | 8.7  | ----- | 33.3     | 11.9 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 13.0 | ----- | 0.0     | 20.0 | ----- | 0.0      | 24.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 6               | 0.0                 | 5.2  | ----- | 16.7    | 9.8  | ----- | 33.3     | 13.4 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 33.3                | 3.1  | ----- | 33.3    | 5.6  | ----- | 33.3     | 7.8  | ----- |
| Prostatectomy.....                         | 5               | 0.0                 | 0.9  | ----- | 0.0     | 2.3  | ----- | 0.0      | 4.0  | ----- |
| Cholecystectomy.....                       | 2               | 0.0                 | 1.0  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.7  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HIGHLAND HOSPITAL INC

Medicare Provider Number: 140205

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.9 years  
 Proportion female..... 53.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 54.4 %  
 Transferred from skilled nursing facility..... 0.0 %  
 Admitted for elective procedure..... 14.7 %  
 Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 2.2 %  
 Chronic cardiovascular disease..... 33.1 %  
 Chronic liver disease..... 3.7 %  
 Chronic renal disease..... 1.5 %  
 Chronic pulmonary disease..... 14.7 %  
 Cerebrovascular degeneration..... 13.2 %  
 Diabetes mellitus..... 4.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 58.2%  
 State ..... 38.7%  
 Outside State ..... 3.1 %  
 -----  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.9 Days  
 State ..... 8.4 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 70  
 Ownership/Control..... Private, Non-Profit  
 Case Mix Index (CMI) ..... 0.9827

### STAFFING:

Medical Residents/Interns ..... 1  
 Registered Nurses ..... 21  
 Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Coronary Care Unit ..... Yes  
 Hospice Care ..... No  
 Intensive Care Unit ..... Yes  
 Organ Transplant ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
 Rehabilitation ..... No  
 Psychiatric ..... No  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HIGHLAND PARK HOSPITAL

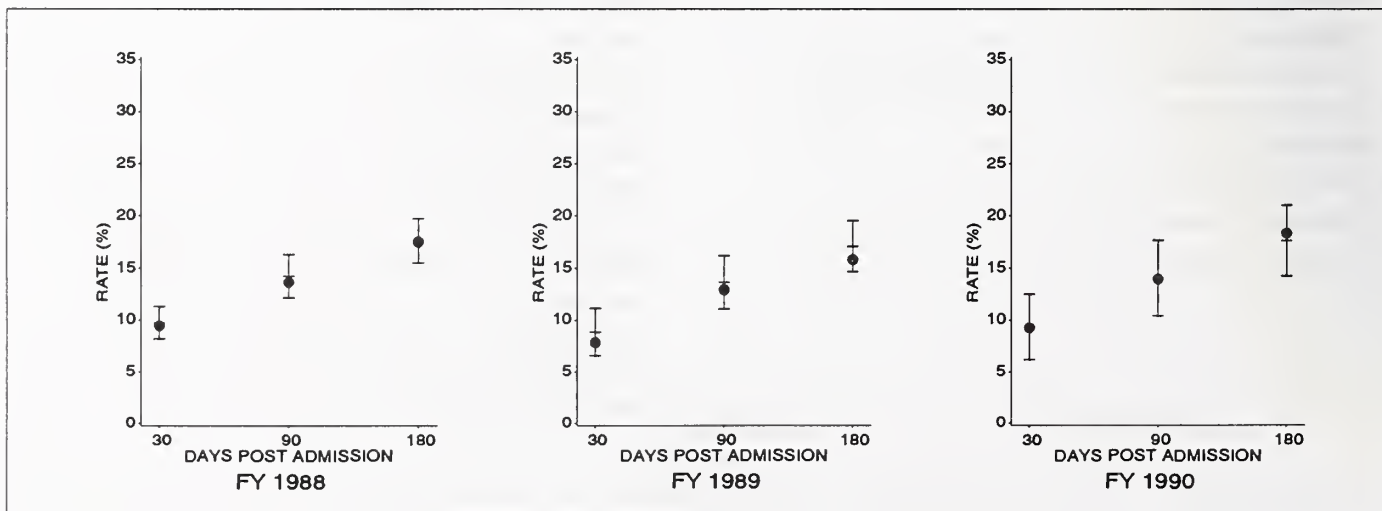
718 GLENVIEW AVE  
HIGHLAND PARK, IL 60035  
Medicare Provider Number: 140108

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1602            | 9.2                 | 9.3  | 1.6   | 13.9    | 14.0 | 1.8   | 18.3     | 17.6 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 74              | 27.0                | 31.0 | 10.5  | 28.4    | 33.9 | 10.5  | 33.8     | 36.7 | 10.1  |
| Congestive Heart Failure.....              | 90              | 13.3                | 14.9 | 5.6   | 23.3    | 23.2 | 4.5   | 27.8     | 29.3 | 5.0   |
| Pneumonia/Influenza.....                   | 83              | 15.7                | 14.9 | 4.0   | 20.5    | 20.4 | 5.9   | 24.1     | 24.1 | 6.5   |
| Chronic Obstructive Pulmonary Disease..... | 19              | 5.3                 | 8.4  | ----- | 15.8    | 15.3 | ----- | 26.3     | 20.8 | ----- |
| Transient Cerebral Ischemia.....           | 24              | 0.0                 | 2.1  | ----- | 4.2     | 4.6  | ----- | 4.2      | 7.2  | ----- |
| Stroke.....                                | 70              | 31.4                | 21.6 | 8.2   | 35.7    | 28.1 | 8.2   | 38.6     | 31.8 | 7.3   |
| Hip Fracture.....                          | 46              | 2.2                 | 7.2  | ----- | 10.9    | 12.5 | ----- | 19.6     | 16.2 | ----- |
| Sepsis.....                                | 12              | 41.7                | 23.9 | ----- | 41.7    | 33.4 | ----- | 41.7     | 39.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 8               | 12.5                | 3.2  | ----- | 12.5    | 6.1  | ----- | 25.0     | 8.9  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 31              | 3.2                 | 1.9  | ----- | 6.5     | 3.5  | ----- | 6.5      | 4.8  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 6.3                 | 6.6  | ----- | 25.0    | 11.7 | ----- | 25.0     | 15.3 | ----- |
| Prostatectomy.....                         | 82              | 0.0                 | 0.8  | 1.2   | 0.0     | 1.9  | 2.0   | 0.0      | 3.3  | 2.9   |
| Cholecystectomy.....                       | 24              | 4.2                 | 2.0  | ----- | 4.2     | 3.7  | ----- | 4.2      | 5.1  | ----- |
| Hysterectomy.....                          | 10              | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HIGHLAND PARK HOSPITAL

Medicare Provider Number: 140108

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 57.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.6 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 22.2 %  
Admitted for emergency..... 51.2 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 40.5 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.7 %  
Chronic pulmonary disease..... 12.4 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 6.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 57.0%  
State ..... 38.5%  
Outside State ..... 4.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 284  
Occupancy Rate ..... 59.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 33.3 %  
Case Mix Index (CMI) ..... 1.1646

### STAFFING:

Total Number of Physicians..... 207  
Percent of Physicians Board  
Certified Specialists..... 94.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 256  
Licensed Practical Nurses ..... 31

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HILLSBORO AREA HOSPITAL

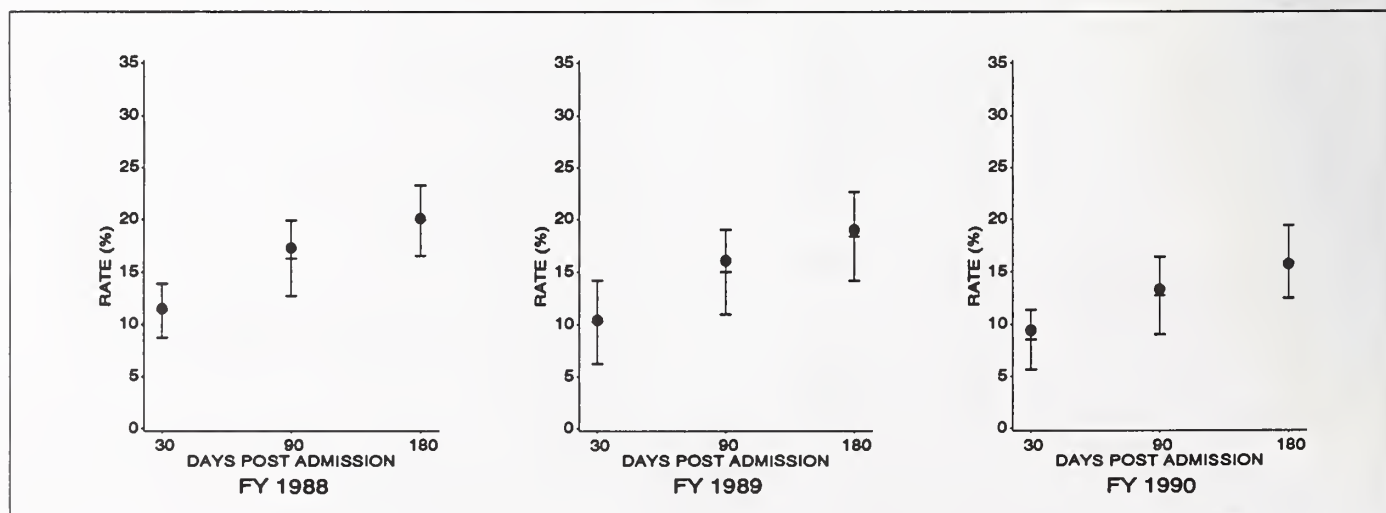
1200 TREMONT ST  
HILLSBORO, IL 62049  
Medicare Provider Number: 140193

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 541             | 9.4                 | 8.5  | 1.4   | 13.3    | 12.7 | 1.9   | 15.7     | 15.9 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 24              | 33.3                | 26.9 | ----- | 41.7    | 29.3 | ----- | 41.7     | 31.8 | ----- |
| Congestive Heart Failure.....              | 29              | 3.4                 | 14.9 | ----- | 17.2    | 23.4 | ----- | 20.7     | 29.7 | ----- |
| Pneumonia/Influenza.....                   | 47              | 8.5                 | 12.1 | ----- | 12.8    | 16.4 | ----- | 14.9     | 19.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 0.0                 | 4.3  | ----- | 7.7     | 8.8  | ----- | 7.7      | 12.9 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 3.0  | ----- | 0.0     | 6.9  | ----- | 25.0     | 11.4 | ----- |
| Stroke.....                                | 25              | 20.0                | 18.6 | ----- | 28.0    | 26.2 | ----- | 36.0     | 31.1 | ----- |
| Hip Fracture.....                          | 11              | 9.1                 | 5.3  | ----- | 9.1     | 9.5  | ----- | 18.2     | 12.7 | ----- |
| Sepsis.....                                | 11              | 18.2                | 36.0 | ----- | 27.3    | 43.0 | ----- | 27.3     | 46.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 25.0                | 4.0  | ----- | 25.0    | 7.3  | ----- | 25.0     | 10.0 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 7.4  | ----- | 0.0     | 13.4 | ----- | 0.0      | 17.5 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 9               | 0.0                 | 3.3  | ----- | 22.2    | 7.5  | ----- | 22.2     | 11.0 | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HILLSBORO AREA HOSPITAL

Medicare Provider Number: 140193

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.2 years  
Proportion female..... 62.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 4.4 %  
Admitted for emergency..... 52.7 %

### COMORBIDITIES:

Cancer..... 5.4 %  
Chronic cardiovascular disease..... 26.1 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 12.0 %  
Cerebrovascular degeneration..... 2.2 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.2%  
State ..... 10.2%  
Outside State ..... 0.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 91  
Occupancy Rate ..... 56.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 0.9676

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HINSDALE HOSPITAL

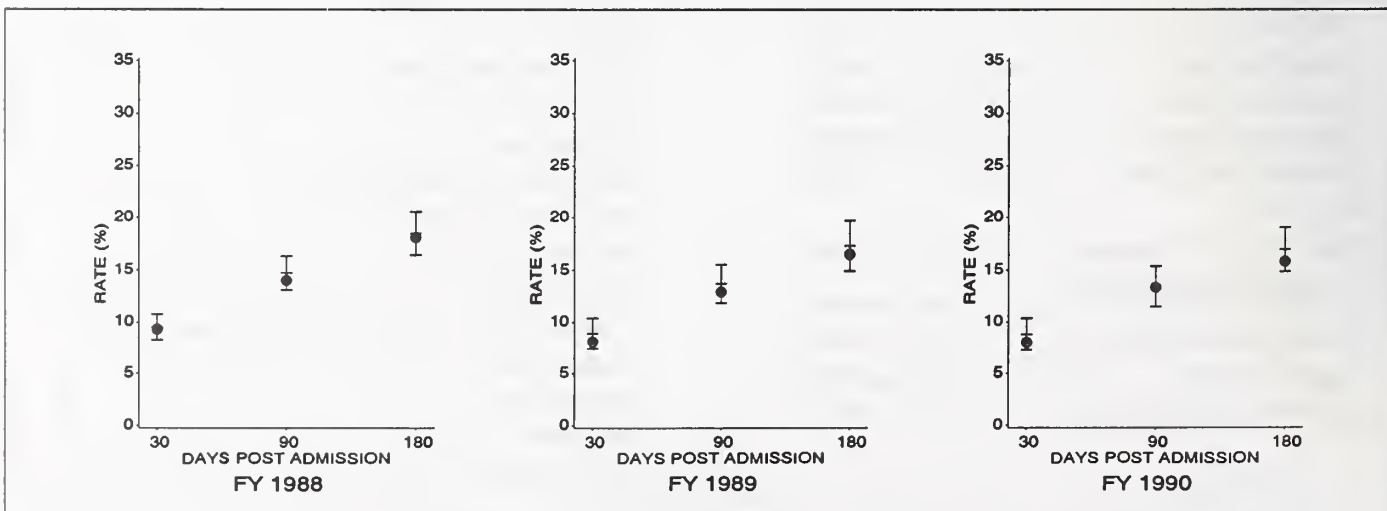
120 NORTH OAK ST  
HINSDALE, IL 60521  
Medicare Provider Number: 140122

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2451            | 8.0                 | 8.8  | 0.8  | 13.3    | 13.4 | 1.0  | 15.8     | 16.9 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 86              | 19.8                | 25.5 | 8.9  | 22.1    | 28.6 | 9.1  | 25.6     | 31.2 | 9.7  |
| Congestive Heart Failure.....              | 128             | 10.9                | 13.1 | 3.5  | 18.0    | 20.8 | 4.1  | 19.5     | 26.8 | 5.6  |
| Pneumonia/Influenza.....                   | 101             | 19.8                | 18.0 | 4.3  | 29.7    | 24.4 | 7.0  | 33.7     | 28.6 | 7.0  |
| Chronic Obstructive Pulmonary Disease..... | 21              | 19.0                | 8.8  | ---- | 23.8    | 14.3 | ---- | 28.6     | 18.1 | ---- |
| Transient Cerebral Ischemia.....           | 36              | 0.0                 | 1.3  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.9  | ---- |
| Stroke.....                                | 74              | 25.7                | 21.8 | 6.9  | 31.1    | 28.4 | 7.3  | 35.1     | 32.3 | 7.3  |
| Hip Fracture.....                          | 72              | 8.3                 | 7.0  | 5.5  | 13.9    | 12.4 | 6.6  | 19.4     | 16.3 | 4.9  |
| Sepsis.....                                | 20              | 30.0                | 34.5 | ---- | 50.0    | 46.5 | ---- | 50.0     | 52.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 17              | 5.9                 | 5.5  | ---- | 5.9     | 6.2  | ---- | 5.9      | 7.0  | ---- |
| Coronary Artery Bypass Graft.....          | 61              | 1.6                 | 5.6  | 4.1  | 1.6     | 7.4  | 4.7  | 1.6      | 8.2  | 5.0  |
| Initial Pacemaker Insertion.....           | 27              | 0.0                 | 2.2  | ---- | 3.7     | 4.3  | ---- | 7.4      | 6.4  | ---- |
| Carotid Endarterectomy.....                | 14              | 0.0                 | 1.2  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.5  | ---- |
| Hip Replacement/Reconstruction.....        | 70              | 1.4                 | 2.2  | 2.2  | 1.4     | 4.0  | 3.7  | 1.4      | 5.5  | 4.8  |
| Open Reduction of Hip Fracture.....        | 41              | 9.8                 | 6.5  | ---- | 14.6    | 12.1 | ---- | 24.4     | 16.3 | ---- |
| Prostatectomy.....                         | 70              | 1.4                 | 1.2  | 1.5  | 2.9     | 2.7  | 2.0  | 2.9      | 4.6  | 3.1  |
| Cholecystectomy.....                       | 39              | 0.0                 | 1.9  | ---- | 0.0     | 3.6  | ---- | 0.0      | 5.0  | ---- |
| Hysterectomy.....                          | 30              | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HINSDALE HOSPITAL

Medicare Provider Number: 140122

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
 Proportion female..... 58.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.0 %  
 Transferred from skilled nursing facility..... 7.0 %  
 Admitted for elective procedure..... 32.0 %  
 Admitted for emergency..... 48.6 %

### COMORBIDITIES:

Cancer..... 9.3 %  
 Chronic cardiovascular disease..... 34.6 %  
 Chronic liver disease..... 0.9 %  
 Chronic renal disease..... 1.8 %  
 Chronic pulmonary disease..... 10.2 %  
 Cerebrovascular degeneration..... 3.7 %  
 Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 59.3%  
 State ..... 37.1%  
 Outside State ..... 3.6%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.2 Days  
 State ..... 8.4 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 435  
 Occupancy Rate ..... 63.0 %  
 Ownership/Control..... Church  
 Medicare Discharges ..... 27.4 %  
 Case Mix Index (CMI) ..... 1.3642

### STAFFING:

Total Number of Physicians..... 416  
 Percent of Physicians Board  
 Certified Specialists ..... 84.6 %  
 Medical Residents/Interns ..... 38  
 Registered Nurses..... 569  
 Licensed Practical Nurses ..... 20

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Cardiac Intensive Care ..... Yes  
 Comprehensive Geriatric ..... No  
 Hospice Care ..... No  
 Medical/Surgical Intensive Care ..... Yes  
 Organ/Tissue Transplant ..... Yes  
 Other Intensive Care ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
 Rehabilitation..... Yes  
 Psychiatric ..... Yes  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HOLY CROSS HOSPITAL

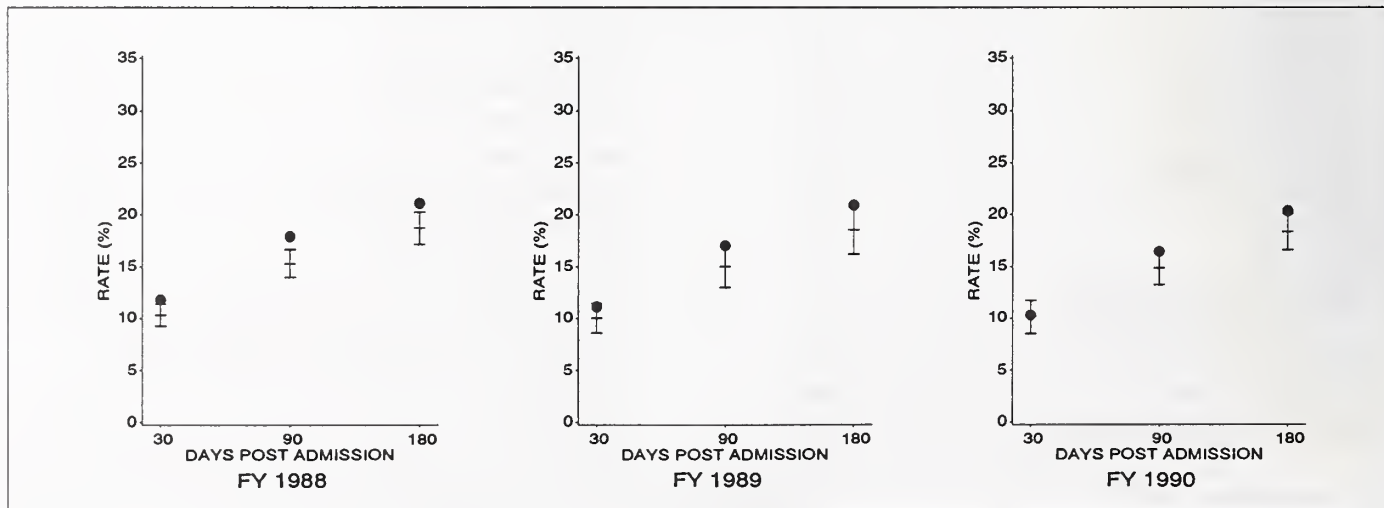
2701 W 68TH STREET  
CHICAGO, IL 60629  
Medicare Provider Number: 140133

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3191            | 10.3                | 10.1 | 0.8   | 16.4    | 14.8 | 0.8   | 20.3     | 18.3 | 0.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 126             | 32.5                | 26.5 | 6.1   | 38.9    | 30.0 | 7.3   | 42.1     | 33.0 | 7.7   |
| Congestive Heart Failure.....              | 202             | 13.9                | 13.1 | 2.5   | 22.3    | 20.3 | 3.6   | 30.2     | 26.1 | 5.1   |
| Pneumonia/Influenza.....                   | 102             | 17.6                | 15.7 | 5.7   | 29.4    | 21.3 | 7.4   | 33.3     | 25.1 | 7.6   |
| Chronic Obstructive Pulmonary Disease..... | 47              | 17.0                | 10.0 | ----- | 27.7    | 16.0 | ----- | 29.8     | 20.4 | ----- |
| Transient Cerebral Ischemia.....           | 57              | 0.0                 | 1.7  | 2.3   | 1.8     | 3.8  | 3.3   | 5.3      | 6.2  | 4.2   |
| Stroke.....                                | 179             | 15.1                | 20.5 | 5.1   | 22.9    | 26.8 | 4.5   | 29.1     | 30.4 | 3.9   |
| Hip Fracture.....                          | 75              | 10.7                | 5.8  | 5.4   | 16.0    | 9.6  | 7.2   | 18.7     | 12.3 | 7.5   |
| Sepsis.....                                | 48              | 20.8                | 21.5 | ----- | 31.3    | 28.7 | ----- | 39.6     | 33.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 21              | 0.0                 | 5.2  | ----- | 9.5     | 9.3  | ----- | 9.5      | 12.8 | ----- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.8  | ----- | 9.1     | 3.2  | ----- | 9.1      | 4.8  | ----- |
| Hip Replacement/Reconstruction.....        | 42              | 4.8                 | 3.7  | ----- | 14.3    | 6.3  | ----- | 14.3     | 8.3  | ----- |
| Open Reduction of Hip Fracture.....        | 30              | 6.7                 | 5.7  | ----- | 10.0    | 9.7  | ----- | 13.3     | 12.5 | ----- |
| Prostatectomy.....                         | 128             | 0.0                 | 0.9  | 1.6   | 2.3     | 2.0  | 1.6   | 3.9      | 3.4  | 2.0   |
| Cholecystectomy.....                       | 76              | 3.9                 | 4.3  | 4.0   | 9.2     | 7.9  | 3.9   | 10.5     | 10.4 | 3.7   |
| Hysterectomy.....                          | 25              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.5  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HOLY CROSS HOSPITAL

Medicare Provider Number: 140133

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.9 years  
Proportion female..... 56.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.1 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 11.2 %  
Admitted for emergency..... 28.9 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 44.5 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 11.0 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 10.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 97.8%  
State ..... 1.0%  
Outside State ..... 1.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 330  
Occupancy Rate ..... 81.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 55.6 %  
Case Mix Index (CMI) ..... 1.3303

### STAFFING:

Total Number of Physicians..... 155  
Percent of Physicians Board  
Certified Specialists..... 61.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 280  
Licensed Practical Nurses ..... 112

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HOLY FAMILY HOSPITAL

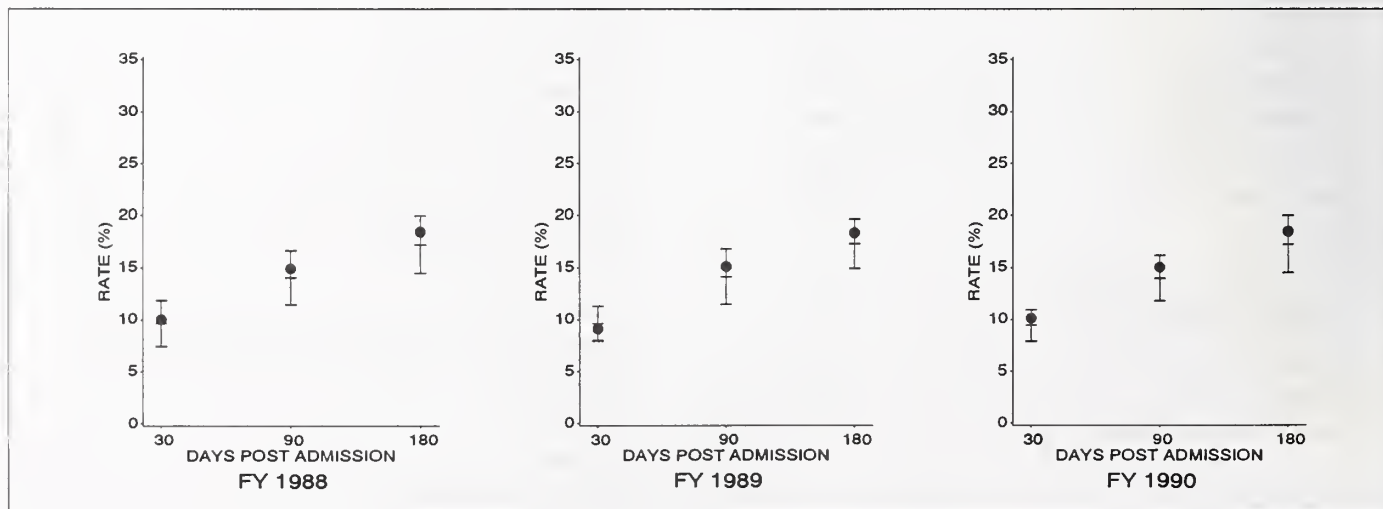
100 N RIVER RD  
DES PLAINES, IL 60016  
Medicare Provider Number: 140105

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1973            | 10.1                | 9.4  | 0.8   | 15.0    | 13.9 | 1.1   | 18.4     | 17.2 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 61              | 27.9                | 28.2 | 5.8   | 36.1    | 31.5 | 6.4   | 39.3     | 34.3 | 6.5   |
| Congestive Heart Failure.....              | 105             | 19.0                | 14.7 | 4.1   | 28.6    | 23.1 | 5.7   | 38.1     | 29.3 | 6.7   |
| Pneumonia/Influenza.....                   | 106             | 17.9                | 15.1 | 4.9   | 23.6    | 20.6 | 7.7   | 28.3     | 24.6 | 6.8   |
| Chronic Obstructive Pulmonary Disease..... | 16              | 12.5                | 8.4  | ----- | 12.5    | 13.8 | ----- | 12.5     | 17.8 | ----- |
| Transient Cerebral Ischemia.....           | 45              | 0.0                 | 1.4  | ----- | 0.0     | 3.3  | ----- | 0.0      | 5.5  | ----- |
| Stroke.....                                | 112             | 11.6                | 18.2 | 5.2   | 17.9    | 24.8 | 5.4   | 22.3     | 28.6 | 5.4   |
| Hip Fracture.....                          | 37              | 8.1                 | 5.4  | ----- | 8.1     | 9.7  | ----- | 8.1      | 12.9 | ----- |
| Sepsis.....                                | 33              | 27.3                | 26.7 | ----- | 42.4    | 35.2 | ----- | 42.4     | 40.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 25              | 0.0                 | 3.5  | ----- | 4.0     | 6.2  | ----- | 4.0      | 8.5  | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.2  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 36              | 5.6                 | 2.1  | ----- | 5.6     | 3.8  | ----- | 5.6      | 5.2  | ----- |
| Open Reduction of Hip Fracture.....        | 15              | 6.7                 | 5.5  | ----- | 6.7     | 10.1 | ----- | 6.7      | 13.5 | ----- |
| Prostatectomy.....                         | 88              | 0.0                 | 1.4  | 1.8   | 2.3     | 3.2  | 2.1   | 2.3      | 5.3  | 3.5   |
| Cholecystectomy.....                       | 31              | 3.2                 | 3.1  | ----- | 6.5     | 5.6  | ----- | 6.5      | 7.3  | ----- |
| Hysterectomy.....                          | 21              | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# **HOLY FAMILY HOSPITAL** Medicare Provider Number: 140105

## **FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 75.6 years | Cancer.....                         | 7.4 %  |
| Proportion female.....                         | 58.7 %     | Chronic cardiovascular disease..... | 40.1 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 1.0 %  |
| Referred by personal or HMO physician.....     | 41.1 %     | Chronic renal disease.....          | 2.9 %  |
| Transferred from skilled nursing facility..... | 0.2 %      | Chronic pulmonary disease.....      | 12.7 % |
| Admitted for elective procedure.....           | 20.3 %     | Cerebrovascular degeneration.....   | 3.0 %  |
| Admitted for emergency.....                    | 43.9 %     | Diabetes mellitus.....              | 9.4 %  |

## **ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City .....                            | 93.2%  | Hospital .....                          | 8.4 Days |
| State .....                                  | 4.0%   | State .....                             | 8.4 Days |
| Outside State .....                          | 2.8%   | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

## **HOSPITAL CHARACTERISTICS\***

|                                                                    |                     |                                                 |     |
|--------------------------------------------------------------------|---------------------|-------------------------------------------------|-----|
| <b>SOURCE:</b> AHA Annual Survey of Hospitals** - Survey Year 1990 |                     |                                                 |     |
| <b>PROFILE:</b>                                                    |                     | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 254                 | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 47.0 %              | Cardiac Intensive Care .....                    | No  |
| Ownership/Control.....                                             | Private, Non-Profit | Comprehensive Geriatric .....                   | No  |
| Medicare Discharges .....                                          | 40.2 %              | Hospice Care .....                              | Yes |
| Case Mix Index (CMI) .....                                         | 1.2643              | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                     | Organ/Tissue Transplant .....                   | No  |
| Total Number of Physicians.....                                    | 194                 | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 86.1 %              | Trauma Center .....                             | Yes |
| Medical Residents/Interns .....                                    | 0                   | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 265                 | Alcohol/Drug .....                              | No  |
| Licensed Practical Nurses .....                                    | 8                   | Rehabilitation.....                             | No  |
|                                                                    |                     | Psychiatric .....                               | No  |
|                                                                    |                     | Medicare Swing Beds .....                       | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# HOOPESTON COMMUNITY MEMORIAL HOSPITAL

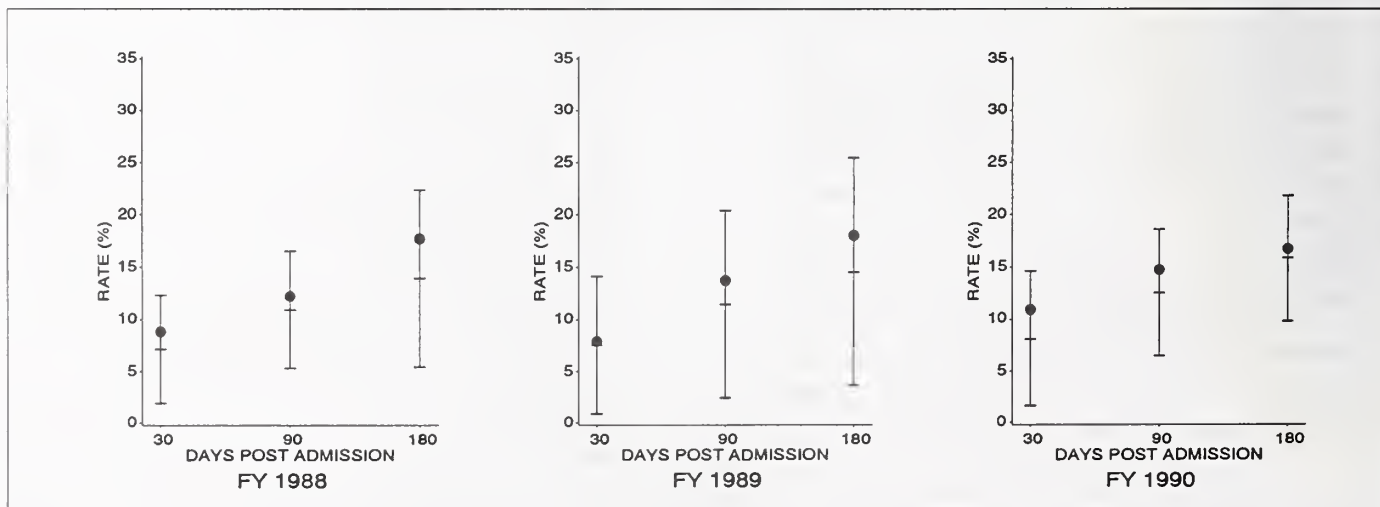
701 EAST ORANGE ST  
HOOPESTON, IL 60942  
Medicare Provider Number: 140097

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 156             | 10.9                | 8.1  | 3.2  | 14.7    | 12.5 | 3.0  | 16.7     | 15.8 | 3.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 4               | 50.0                | 26.1 | ---- | 50.0    | 29.8 | ---- | 50.0     | 33.0 | ---- |
| Congestive Heart Failure.....              | 12              | 8.3                 | 15.5 | ---- | 16.7    | 23.8 | ---- | 25.0     | 29.8 | ---- |
| Pneumonia/Influenza.....                   | 19              | 26.3                | 13.7 | ---- | 31.6    | 19.2 | ---- | 36.8     | 22.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 7.2  | ---- | 16.7    | 13.3 | ---- | 16.7     | 18.7 | ---- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 2.2  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.9  | ---- |
| Stroke.....                                | 4               | 25.0                | 13.9 | ---- | 25.0    | 19.4 | ---- | 25.0     | 23.1 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 13              | 0.0                 | 0.6  | ---- | 0.0     | 1.3  | ---- | 0.0      | 2.3  | ---- |
| Cholecystectomy.....                       | 4               | 0.0                 | 0.4  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.0  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HOOPESTON COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 140097

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.5 years  
Proportion female..... 59.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 98.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 3.2 %  
Admitted for emergency..... 1.3 %

### COMORBIDITIES:

Cancer..... 3.8 %  
Chronic cardiovascular disease..... 18.6 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 9.0 %  
Cerebrovascular degeneration..... 1.3 %  
Diabetes mellitus..... 4.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 86.4%  
State ..... 10.2%  
Outside State ..... 3.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 38  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.9353

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... Yes  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HOPEDALE HOSPITAL

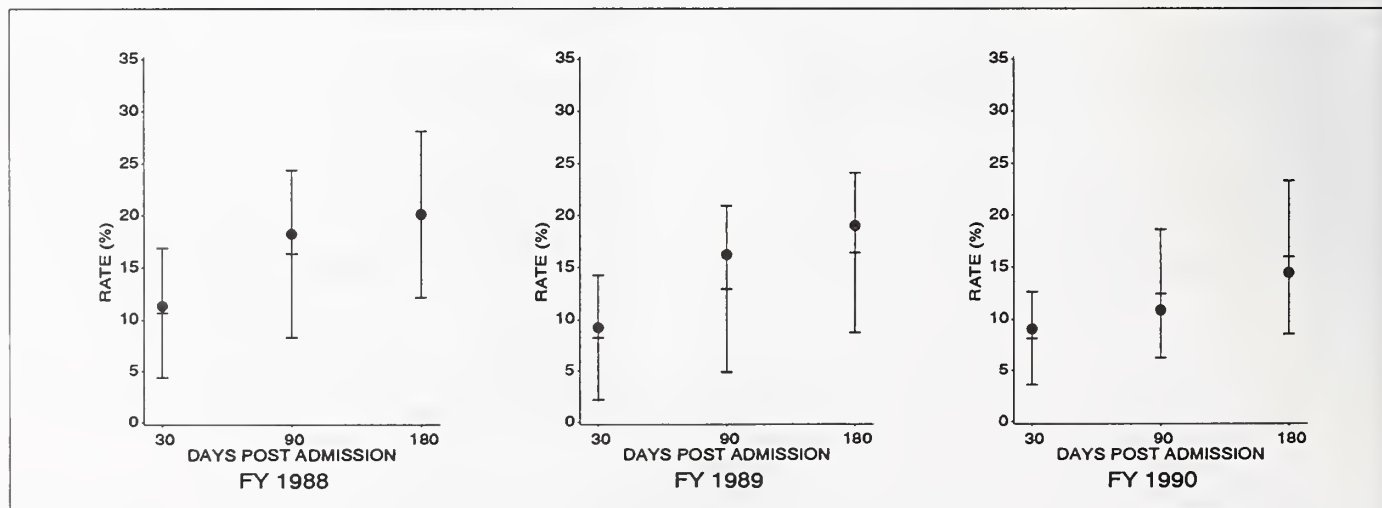
107 TREMONT STREET  
HOPEDALE, IL 61747  
Medicare Provider Number: 140121

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 167             | 9.0                 | 8.1  | 2.3  | 10.8    | 12.4 | 3.1  | 14.4     | 15.9 | 3.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 11.6 | ---- | 0.0     | 12.9 | ---- | 0.0      | 14.7 | ---- |
| Congestive Heart Failure.....              | 8               | 12.5                | 17.9 | ---- | 25.0    | 27.6 | ---- | 37.5     | 35.3 | ---- |
| Pneumonia/Influenza.....                   | 11              | 9.1                 | 13.5 | ---- | 9.1     | 18.7 | ---- | 27.3     | 22.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 6.0  | ---- | 0.0     | 11.5 | ---- | 16.7     | 16.3 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.6  | ---- | 0.0     | 3.7  | ---- | 0.0      | 6.1  | ---- |
| Stroke.....                                | 9               | 0.0                 | 17.0 | ---- | 0.0     | 21.1 | ---- | 0.0      | 24.8 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 2               | 0.0                 | 14.5 | ---- | 0.0     | 20.1 | ---- | 0.0      | 24.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 4               | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.5  | ---- |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.5  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.4  | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.7  | ---- | 0.0     | 1.7  | ---- | 0.0      | 3.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HOPEDALE HOSPITAL

Medicare Provider Number: 140121

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.6 years  
Proportion female..... 49.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 99.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 4.8 %  
Admitted for emergency..... 0.6 %

### COMORBIDITIES:

Cancer..... 3.6 %  
Chronic cardiovascular disease..... 28.7 %  
Chronic liver disease..... 3.6 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 10.2 %  
Cerebrovascular degeneration..... 7.8 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 57.5%  
State ..... 34.8%  
Outside State ..... 7.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 34  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.9863

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 7  
Licensed Practical Nurses ..... 4

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... Yes  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HUMANA HOSPITAL HOFFMAN ESTATES

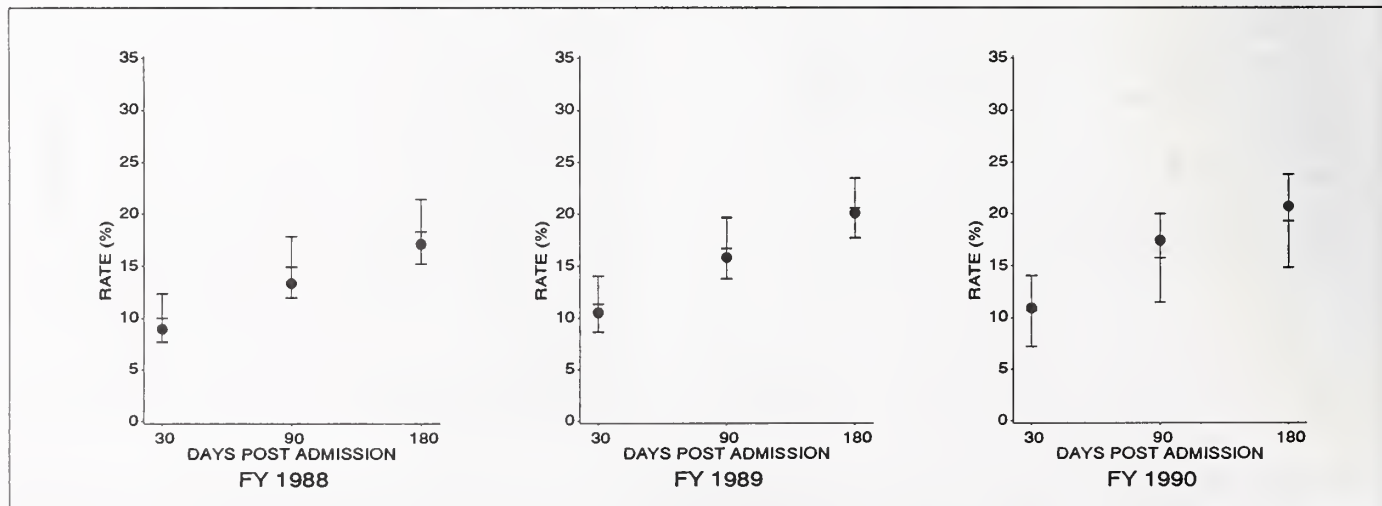
1555 N BARRINGTON RD  
HOFFMAN ESTATES, IL 60194  
Medicare Provider Number: 140290

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1085            | 10.9                | 10.6 | 1.7   | 17.4    | 15.7 | 2.1   | 20.7     | 19.3 | 2.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 40              | 27.5                | 27.4 | ----- | 32.5    | 31.4 | ----- | 35.0     | 34.8 | ----- |
| Congestive Heart Failure.....              | 43              | 9.3                 | 13.2 | ----- | 20.9    | 20.8 | ----- | 23.3     | 26.6 | ----- |
| Pneumonia/Influenza.....                   | 54              | 14.8                | 15.1 | 5.0   | 18.5    | 20.3 | 6.5   | 22.2     | 24.2 | 6.7   |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 9.2  | ----- | 25.0    | 16.6 | ----- | 30.0     | 22.4 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 5.6                 | 2.6  | ----- | 11.1    | 6.1  | ----- | 11.1     | 9.8  | ----- |
| Stroke.....                                | 45              | 22.2                | 18.8 | ----- | 28.9    | 24.9 | ----- | 33.3     | 28.4 | ----- |
| Hip Fracture.....                          | 43              | 11.6                | 9.0  | ----- | 20.9    | 15.1 | ----- | 23.3     | 19.0 | ----- |
| Sepsis.....                                | 35              | 25.7                | 22.7 | ----- | 34.3    | 29.6 | ----- | 45.7     | 34.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 4.1  | ----- | 0.0     | 7.0  | ----- | 0.0      | 9.8  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 26              | 3.8                 | 3.7  | ----- | 7.7     | 6.3  | ----- | 7.7      | 8.0  | ----- |
| Open Reduction of Hip Fracture.....        | 28              | 14.3                | 8.1  | ----- | 21.4    | 14.2 | ----- | 25.0     | 18.3 | ----- |
| Prostatectomy.....                         | 35              | 2.9                 | 1.6  | ----- | 8.6     | 3.7  | ----- | 11.4     | 6.0  | ----- |
| Cholecystectomy.....                       | 17              | 0.0                 | 1.9  | ----- | 0.0     | 3.3  | ----- | 5.9      | 4.3  | ----- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL HOFFMAN ESTATES

Medicare Provider Number: 140290

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years

Proportion female..... 64.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.0 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 15.5 %

Admitted for emergency..... 60.5 %

### COMORBIDITIES:

Cancer..... 5.8 %

Chronic cardiovascular disease..... 44.2 %

Chronic liver disease..... 1.0 %

Chronic renal disease..... 2.8 %

Chronic pulmonary disease..... 19.0 %

Cerebrovascular degeneration..... 5.5 %

Diabetes mellitus..... 6.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 38.9%

State..... 56.3%

Outside State..... 4.8%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.0 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 237

Occupancy Rate..... 56.0 %

Ownership/Control..... Private, For Profit

Medicare Discharges..... 16.7 %

Case Mix Index (CMI)..... 1.3594

### STAFFING:

Total Number of Physicians..... 270

Percent of Physicians Board  
Certified Specialists..... 66.3 %

Medical Residents/Interns..... 0

Registered Nurses..... 273

Licensed Practical Nurses..... 33

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... No

Comprehensive Geriatric..... No

Hospice Care..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HYDE PARK HOSPITAL

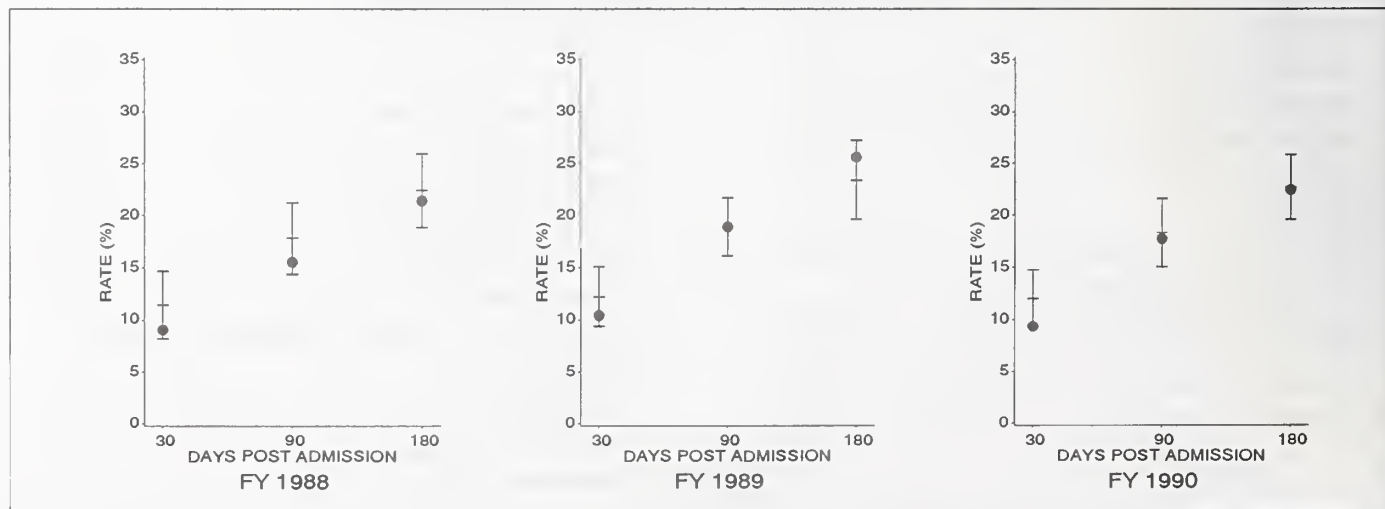
5800 STONY ISLAND AVE  
CHICAGO, IL 60637  
Medicare Provider Number: 140253

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 711             | 9.3                 | 12.0 | 1.4  | 17.7    | 18.3 | 1.6  | 22.4     | 22.7 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 14              | 14.3                | 30.0 | ---- | 21.4    | 33.1 | ---- | 28.6     | 36.6 | ---- |
| Congestive Heart Failure.....              | 48              | 10.4                | 12.1 | ---- | 18.8    | 19.0 | ---- | 27.1     | 24.7 | ---- |
| Pneumonia/Influenza.....                   | 30              | 23.3                | 13.6 | ---- | 23.3    | 18.8 | ---- | 30.0     | 22.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 10.7 | ---- | 33.3    | 16.1 | ---- | 33.3     | 20.5 | ---- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.8  | ---- | 5.6     | 4.1  | ---- | 11.1     | 6.9  | ---- |
| Stroke.....                                | 39              | 7.7                 | 20.6 | ---- | 17.9    | 27.5 | ---- | 17.9     | 31.5 | ---- |
| Hip Fracture.....                          | 9               | 11.1                | 7.8  | ---- | 11.1    | 13.4 | ---- | 11.1     | 17.3 | ---- |
| Sepsis.....                                | 30              | 23.3                | 30.9 | ---- | 50.0    | 43.6 | ---- | 56.7     | 50.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 3.3  | ---- | 0.0     | 7.1  | ---- | 0.0      | 10.3 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 7.3  | ---- | 0.0     | 13.0 | ---- | 0.0      | 17.2 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 31              | 6.5                 | 2.3  | ---- | 12.9    | 5.2  | ---- | 16.1     | 8.2  | ---- |
| Cholecystectomy.....                       | 11              | 9.1                 | 4.8  | ---- | 9.1     | 8.6  | ---- | 18.2     | 11.5 | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HYDE PARK HOSPITAL

Medicare Provider Number: 140253

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.7 years  
Proportion female..... 62.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.9 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 1.1 %  
Admitted for emergency..... 52.3 %

### COMORBIDITIES:

Cancer..... 9.0 %  
Chronic cardiovascular disease..... 33.2 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 6.8 %  
Chronic pulmonary disease..... 11.5 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 13.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 98.6%  
State ..... 0.6%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 11.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 125  
Occupancy Rate ..... 66.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 41.7 %  
Case Mix Index (CMI) ..... 1.3990

### STAFFING:

Total Number of Physicians..... 158  
Percent of Physicians Board  
Certified Specialists ..... 46.8 %  
Medical Residents/Interns ..... 1  
Registered Nurses..... 80  
Licensed Practical Nurses ..... 22

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ILLINI COMMUNITY HOSPITAL

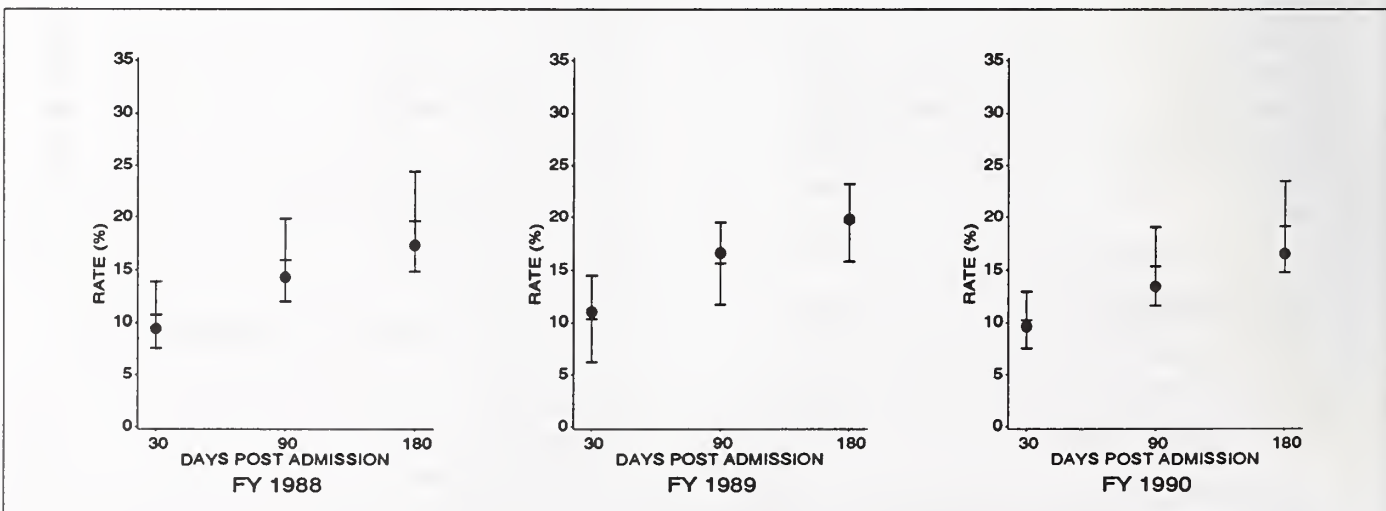
640 WEST WASHINGTON ST  
PITTSFIELD, IL 62363  
Medicare Provider Number: 140139

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 521             | 9.6                 | 10.2 | 1.4  | 13.4    | 15.3 | 1.9  | 16.5     | 19.1 | 2.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 21              | 28.6                | 31.2 | ---- | 33.3    | 34.7 | ---- | 33.3     | 37.8 | ---- |
| Congestive Heart Failure.....              | 43              | 20.9                | 15.0 | ---- | 25.6    | 23.5 | ---- | 32.6     | 29.6 | ---- |
| Pneumonia/Influenza.....                   | 37              | 24.3                | 16.6 | ---- | 27.0    | 22.9 | ---- | 32.4     | 26.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 0.0                 | 5.3  | ---- | 0.0     | 8.9  | ---- | 0.0      | 12.2 | ---- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.0  | ---- | 0.0     | 4.5  | ---- | 0.0      | 7.6  | ---- |
| Stroke.....                                | 10              | 20.0                | 25.2 | ---- | 20.0    | 30.1 | ---- | 20.0     | 34.2 | ---- |
| Hip Fracture.....                          | 16              | 6.3                 | 5.7  | ---- | 6.3     | 10.0 | ---- | 6.3      | 13.0 | ---- |
| Sepsis.....                                | 3               | 66.7                | 27.4 | ---- | 66.7    | 40.5 | ---- | 66.7     | 47.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5               | 20.0                | 4.5  | ---- | 20.0    | 8.6  | ---- | 20.0     | 11.6 | ---- |
| Open Reduction of Hip Fracture.....        | 9               | 0.0                 | 5.7  | ---- | 0.0     | 10.2 | ---- | 0.0      | 13.4 | ---- |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 17              | 0.0                 | 2.1  | ---- | 5.9     | 4.1  | ---- | 11.8     | 6.0  | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 3.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ILLINI COMMUNITY HOSPITAL

Medicare Provider Number: 140139

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.4 years  
Proportion female..... 64.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.6 %  
Admitted for emergency..... 67.6 %

### COMORBIDITIES:

Cancer..... 6.1 %  
Chronic cardiovascular disease..... 46.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 19.6 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 8.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 91.3%  
State ..... 7.3%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 59  
Occupancy Rate ..... 37.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 57.5 %  
Case Mix Index (CMI) ..... 1.0771

### STAFFING:

Total Number of Physicians..... 17  
Percent of Physicians Board  
Certified Specialists..... 23.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 29  
Licensed Practical Nurses ..... 19

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

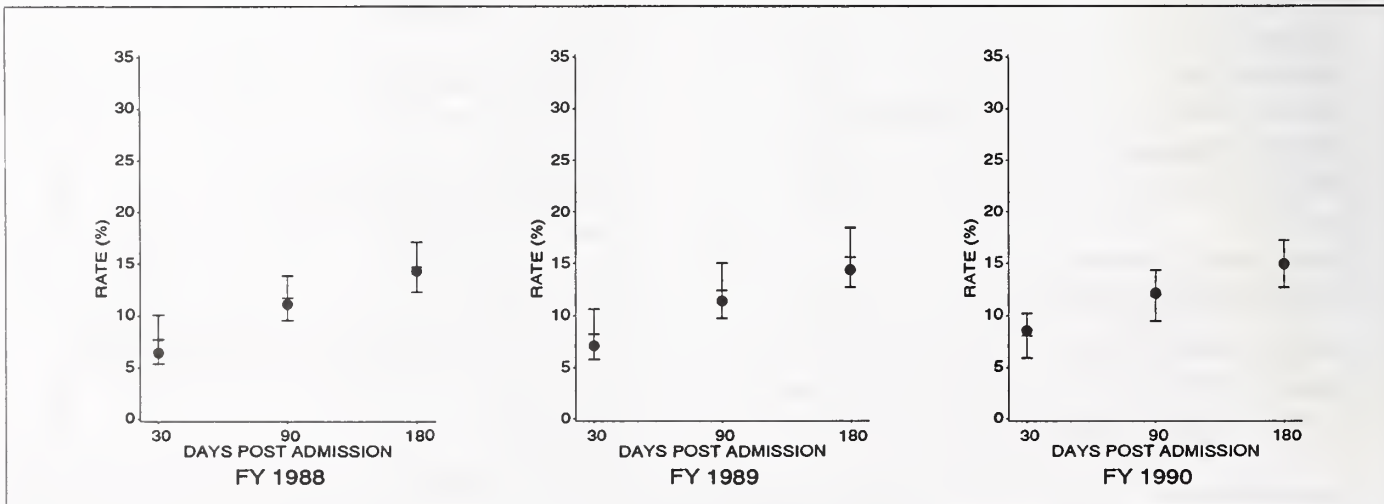
**ILLINI HOSPITAL**  
801 HOSPITAL ROAD  
SILVIS, IL 61282  
Medicare Provider Number: 140275

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1036               | 8.5                 | 8.0  | 1.1   | 12.1    | 11.9 | 1.2   | 14.9     | 14.9 | 1.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 43                 | 32.6                | 21.8 | ----- | 41.9    | 24.6 | ----- | 41.9     | 27.2 | ----- |
| Congestive Heart Failure.....              | 81                 | 12.3                | 13.3 | 3.9   | 21.0    | 21.2 | 5.0   | 28.4     | 27.1 | 5.1   |
| Pneumonia/Influenza.....                   | 67                 | 9.0                 | 11.8 | 4.9   | 9.0     | 16.4 | 6.5   | 13.4     | 19.6 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 0.0                 | 11.0 | ----- | 5.0     | 18.7 | ----- | 5.0      | 24.7 | ----- |
| Transient Cerebral Ischemia.....           | 26                 | 3.8                 | 1.4  | ----- | 3.8     | 3.1  | ----- | 3.8      | 5.1  | ----- |
| Stroke.....                                | 29                 | 10.3                | 18.7 | ----- | 17.2    | 24.2 | ----- | 20.7     | 27.5 | ----- |
| Hip Fracture.....                          | 18                 | 5.6                 | 7.1  | ----- | 11.1    | 12.1 | ----- | 11.1     | 15.6 | ----- |
| Sepsis.....                                | 5                  | 60.0                | 25.2 | ----- | 80.0    | 30.9 | ----- | 80.0     | 35.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 5.9  | ----- | 0.0     | 11.2 | ----- | 33.3     | 15.5 | ----- |
| Carotid Endarterectomy.....                | 10                 | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 11                 | 0.0                 | 2.8  | ----- | 0.0     | 4.8  | ----- | 0.0      | 6.2  | ----- |
| Open Reduction of Hip Fracture.....        | 8                  | 12.5                | 6.6  | ----- | 25.0    | 12.0 | ----- | 25.0     | 15.9 | ----- |
| Prostatectomy.....                         | 36                 | 5.6                 | 1.3  | ----- | 5.6     | 3.0  | ----- | 8.3      | 4.8  | ----- |
| Cholecystectomy.....                       | 33                 | 12.1                | 2.3  | ----- | 12.1    | 4.2  | ----- | 15.2     | 5.6  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 2.7  | ----- | 0.0     | 6.4  | ----- | 0.0      | 9.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**ILLINI HOSPITAL**  
Medicare Provider Number: 140275

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.2 years  
Proportion female..... 55.7 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 36.5 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 13.9 %  
Admitted for emergency..... 11.5 %

**COMORBIDITIES:**

Cancer..... 5.0 %  
Chronic cardiovascular disease..... 33.7 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 1.3 %  
Diabetes mellitus..... 8.3 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 74.5%  
State ..... 22.7%  
Outside State ..... 2.8%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 7.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 133  
Occupancy Rate ..... 48.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 36.1 %  
Case Mix Index (CMI) ..... 1.1899

**STAFFING:**

Total Number of Physicians..... 62  
Percent of Physicians Board  
Certified Specialists ..... 80.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 132  
Licensed Practical Nurses ..... 0

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ILLINOIS MASONIC MEDICAL CENTER

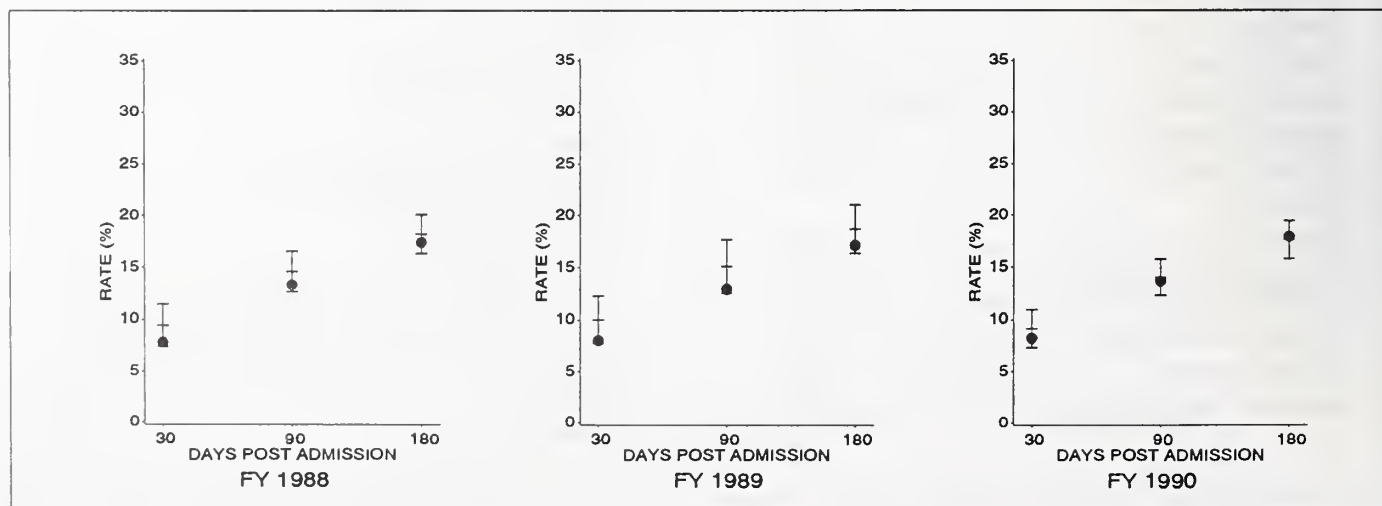
836 W WELLINGTON  
CHICAGO, IL 60657  
Medicare Provider Number: 140132

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1762            | 8.2                 | 9.1  | 0.9   | 13.6    | 14.0 | 0.9   | 17.9     | 17.6 | 0.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 34              | 26.5                | 24.6 | ----- | 35.3    | 28.3 | ----- | 38.2     | 31.4 | ----- |
| Congestive Heart Failure.....              | 83              | 6.0                 | 13.9 | 6.8   | 13.3    | 22.2 | 8.0   | 22.9     | 28.3 | 7.3   |
| Pneumonia/Influenza.....                   | 98              | 12.2                | 16.3 | 7.0   | 18.4    | 22.1 | 5.9   | 24.5     | 26.2 | 5.3   |
| Chronic Obstructive Pulmonary Disease..... | 8               | 0.0                 | 8.9  | ----- | 0.0     | 15.1 | ----- | 0.0      | 19.6 | ----- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.5  | ----- | 0.0     | 3.4  | ----- | 0.0      | 5.8  | ----- |
| Stroke.....                                | 52              | 17.3                | 17.7 | 5.5   | 26.9    | 24.3 | 6.5   | 30.8     | 28.2 | 7.7   |
| Hip Fracture.....                          | 29              | 3.4                 | 5.9  | ----- | 10.3    | 10.4 | ----- | 13.8     | 13.8 | ----- |
| Sepsis.....                                | 27              | 25.9                | 26.5 | ----- | 40.7    | 35.2 | ----- | 44.4     | 40.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 31              | 6.5                 | 4.1  | ----- | 6.5     | 6.0  | ----- | 6.5      | 7.4  | ----- |
| Coronary Artery Bypass Graft.....          | 49              | 0.0                 | 6.1  | ----- | 8.2     | 8.4  | ----- | 8.2      | 9.3  | ----- |
| Initial Pacemaker Insertion.....           | 24              | 0.0                 | 2.6  | ----- | 0.0     | 5.2  | ----- | 4.2      | 7.4  | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.3  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.3  | ----- |
| Hip Replacement/Reconstruction.....        | 12              | 0.0                 | 3.8  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.0  | ----- |
| Open Reduction of Hip Fracture.....        | 19              | 0.0                 | 5.4  | ----- | 5.3     | 10.3 | ----- | 10.5     | 14.0 | ----- |
| Prostatectomy.....                         | 51              | 0.0                 | 0.8  | 2.0   | 0.0     | 1.9  | 3.5   | 3.9      | 3.3  | 2.8   |
| Cholecystectomy.....                       | 18              | 11.1                | 5.6  | ----- | 16.7    | 9.3  | ----- | 16.7     | 11.2 | ----- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ILLINOIS MASONIC MEDICAL CENTER

Medicare Provider Number: 140132

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.6 years |
| Proportion female.....        | 55.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 41.3 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 16.2 % |
| Admitted for emergency.....                    | 77.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.2 %  |
| Chronic cardiovascular disease..... | 38.7 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 11.6 % |
| Cerebrovascular degeneration.....   | 5.3 %  |
| Diabetes mellitus.....              | 9.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.6%  |
| State .....         | 3.4%   |
| Outside State ..... | 3.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.6 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 746                 |
| Occupancy Rate .....       | 78.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 23.8 %              |
| Case Mix Index (CMI) ..... | 1.4672              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 472    |
| Percent of Physicians Board<br>Certified Specialists..... | 75.0 % |
| Medical Residents/Interns .....                           | 145    |
| Registered Nurses.....                                    | 533    |
| Licensed Practical Nurses .....                           | 31     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | Yes |
| Comprehensive Geriatric .....        | Yes |
| Hospice Care .....                   | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other Intensive Care .....           | No  |
| Trauma Center .....                  | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ILLINOIS VALLEY COMMUNITY HOSPITAL

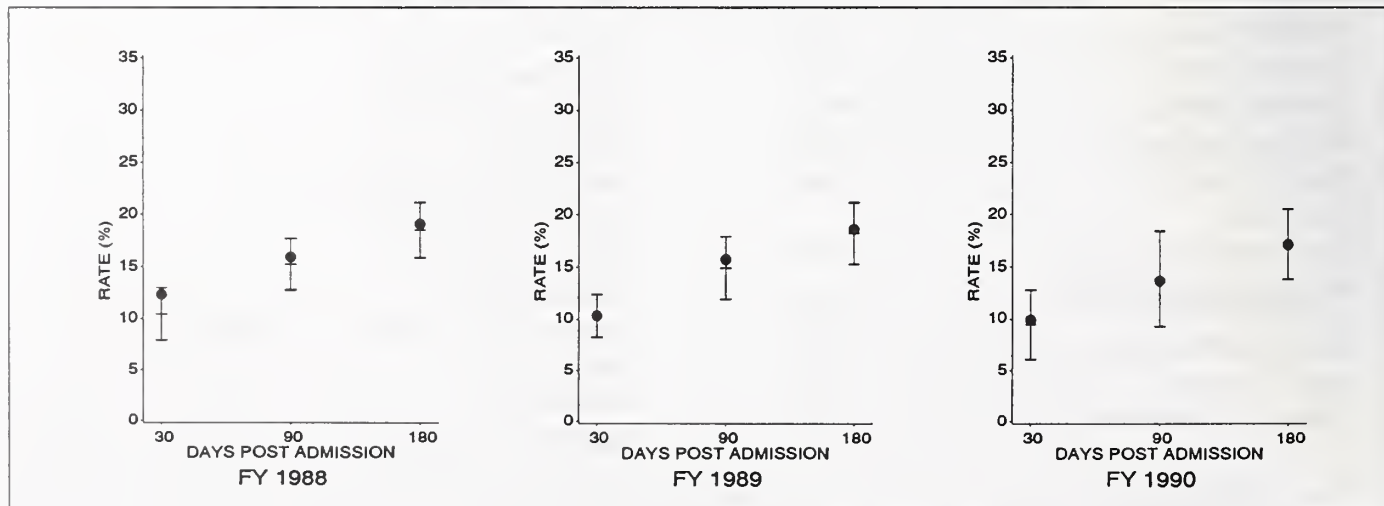
925 WEST ST  
PERU, IL 61354  
Medicare Provider Number: 140234

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 811             | 9.9                 | 9.4  | 1.7   | 13.6    | 13.8 | 2.3   | 17.1     | 17.1 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 25              | 48.0                | 26.0 | ----- | 52.0    | 28.4 | ----- | 52.0     | 30.8 | ----- |
| Congestive Heart Failure.....              | 52              | 13.5                | 13.9 | 5.0   | 23.1    | 21.9 | 8.2   | 34.6     | 28.1 | 9.5   |
| Pneumonia/Influenza.....                   | 45              | 20.0                | 19.2 | ----- | 20.0    | 25.4 | ----- | 20.0     | 29.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 11.1                | 9.5  | ----- | 11.1    | 15.4 | ----- | 11.1     | 19.7 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 40              | 17.5                | 22.7 | ----- | 25.0    | 28.9 | ----- | 30.0     | 32.5 | ----- |
| Hip Fracture.....                          | 30              | 6.7                 | 5.4  | ----- | 10.0    | 9.7  | ----- | 13.3     | 12.6 | ----- |
| Sepsis.....                                | 5               | 0.0                 | 35.4 | ----- | 0.0     | 44.1 | ----- | 0.0      | 49.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 2.8  | ----- | 0.0     | 5.6  | ----- | 0.0      | 8.2  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 27              | 7.4                 | 2.9  | ----- | 11.1    | 5.3  | ----- | 14.8     | 7.1  | ----- |
| Open Reduction of Hip Fracture.....        | 14              | 0.0                 | 4.5  | ----- | 0.0     | 8.3  | ----- | 0.0      | 11.1 | ----- |
| Prostatectomy.....                         | 17              | 0.0                 | 1.7  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.6  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.4  | ----- | 0.0     | 2.3  | ----- | 0.0      | 2.8  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 1.5  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ILLINOIS VALLEY COMMUNITY HOSPITAL

Medicare Provider Number: 140234

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS:                                  |            | COMORBIDITIES:                      |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| Average age at admission.....                  | 75.9 years | Cancer.....                         | 6.4 %  |
| Proportion female.....                         | 58.7 %     | Chronic cardiovascular disease..... | 41.7 % |
| ADMISSION SOURCES/TYPES:                       |            | Chronic liver disease.....          | 1.0 %  |
| Referred by personal or HMO physician.....     | 18.7 %     | Chronic renal disease.....          | 1.8 %  |
| Transferred from skilled nursing facility..... | 0.0 %      | Chronic pulmonary disease.....      | 11.0 % |
| Admitted for elective procedure.....           | 16.3 %     | Cerebrovascular degeneration.....   | 2.8 %  |
| Admitted for emergency.....                    | 81.5 %     | Diabetes mellitus.....              | 7.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

| ORIGIN OF MEDICARE PATIENT ADMISSION: |        | MEDICARE AVERAGE LENGTH OF STAY: |          |
|---------------------------------------|--------|----------------------------------|----------|
| County/City .....                     | 88.5%  | Hospital .....                   | 6.3 Days |
| State .....                           | 9.5%   | State .....                      | 8.4 Days |
| Outside State .....                   | 2.0%   | National .....                   | 8.6 Days |
| Total .....                           | 100.0% |                                  |          |

## HOSPITAL CHARACTERISTICS\*

| SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990 |                     |                                          |     |
|-------------------------------------------------------------|---------------------|------------------------------------------|-----|
| PROFILE:                                                    |                     | SPECIALTY SERVICES:                      |     |
| Total Beds .....                                            | 108                 | Burn Unit .....                          | No  |
| Occupancy Rate .....                                        | 50.0 %              | Cardiac Intensive Care .....             | No  |
| Ownership/Control.....                                      | Private, Non-Profit | Comprehensive Geriatric .....            | No  |
| Medicare Discharges .....                                   | 36.2 %              | Hospice Care .....                       | Yes |
| Case Mix Index (CMI) .....                                  | 1.1624              | Medical/Surgical Intensive Care .....    | Yes |
| STAFFING:                                                   |                     | Organ/Tissue Transplant .....            | No  |
| Total Number of Physicians.....                             | 33                  | Other Intensive Care .....               | No  |
| Percent of Physicians Board<br>Certified Specialists .....  | 60.6 %              | Trauma Center .....                      | No  |
| Medical Residents/Interns .....                             | 0                   | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: |     |
| Registered Nurses.....                                      | 99                  | Alcohol/Drug .....                       | No  |
| Licensed Practical Nurses .....                             | 11                  | Rehabilitation.....                      | No  |
|                                                             |                     | Psychiatric .....                        | Yes |
|                                                             |                     | Medicare Swing Beds .....                | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ILLINOIS VETERANS HOME

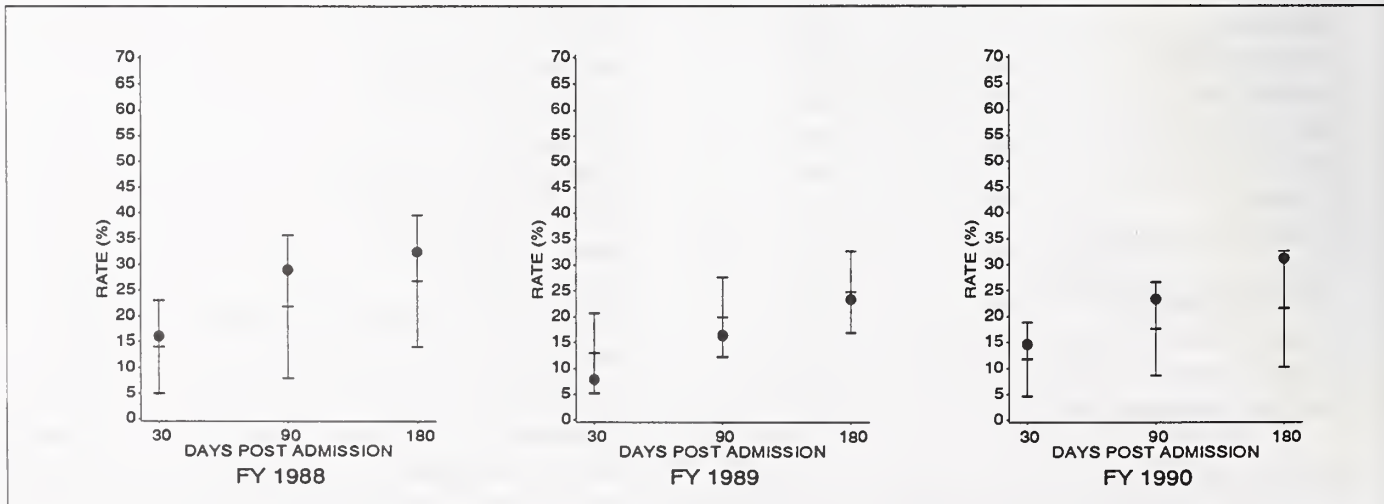
1707 N TWELTH STREET  
QUINCY, IL 62301  
Medicare Provider Number: 140273

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 103             | 14.6                | 11.7 | 3.6   | 23.3    | 17.5 | 4.5   | 31.1     | 21.4 | 5.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 1               | 0.0                 | 18.8 | ----- | 100.0   | 21.2 | ----- | 100.0    | 23.8 | ----- |
| Congestive Heart Failure.....              | 4               | 50.0                | 20.0 | ----- | 75.0    | 32.5 | ----- | 75.0     | 39.9 | ----- |
| Pneumonia/Influenza.....                   | 34              | 20.6                | 16.7 | ----- | 23.5    | 22.8 | ----- | 29.4     | 26.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 5.3  | ----- | 20.0    | 9.3  | ----- | 20.0     | 12.3 | ----- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 0.8  | ----- | 0.0     | 2.0  | ----- | 100.0    | 3.2  | ----- |
| Stroke.....                                | 2               | 0.0                 | 12.0 | ----- | 0.0     | 15.4 | ----- | 0.0      | 17.8 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ILLINOIS VETERANS HOME

Medicare Provider Number: 140273

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.1 years  
Proportion female..... 11.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 99.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 99.0 %

### COMORBIDITIES:

Cancer..... 9.7 %  
Chronic cardiovascular disease..... 22.3 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.9 %  
Chronic pulmonary disease..... 29.1 %  
Cerebrovascular degeneration..... 5.8 %  
Diabetes mellitus..... 4.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 65.0%  
State ..... 31.9%  
Outside State ..... 3.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 11.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 572  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.1245

### STAFFING:

Medical Residents/Interns ..... 3  
Registered Nurses..... 10  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# INGALLS MEMORIAL HOSPITAL

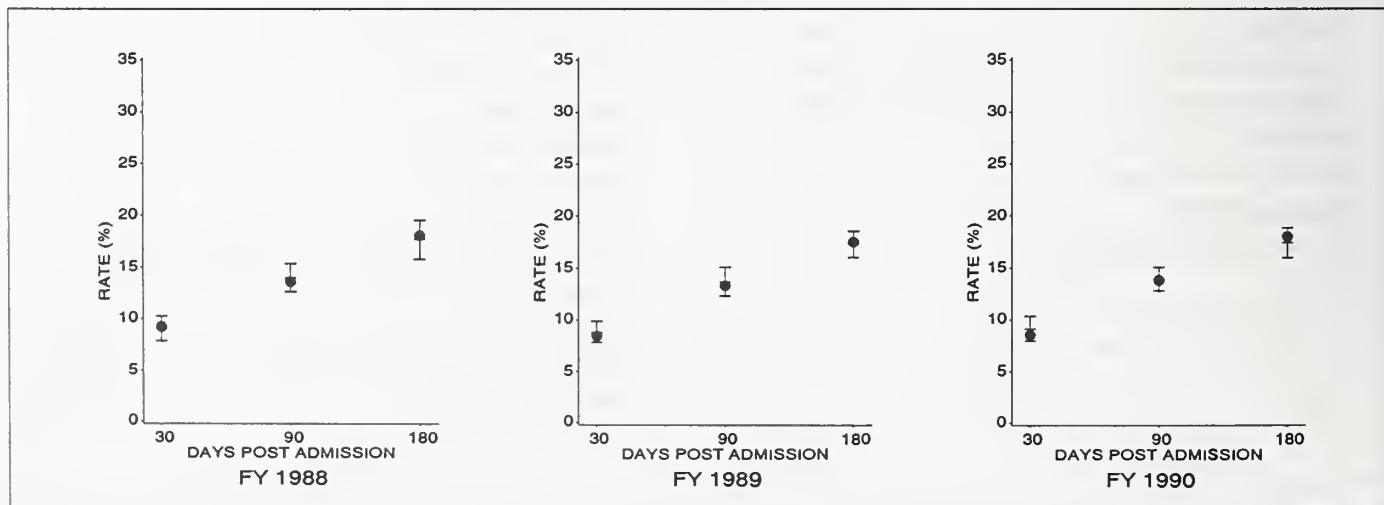
ONE INGALLS DRIVE  
HARVEY, IL 60426  
Medicare Provider Number: 140191

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3670            | 8.5                 | 9.1  | 0.6   | 13.8    | 13.9 | 0.6   | 18.0     | 17.4 | 0.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 82              | 28.0                | 26.9 | 5.4   | 35.4    | 29.6 | 6.9   | 39.0     | 32.1 | 7.8   |
| Congestive Heart Failure.....              | 215             | 14.4                | 13.4 | 3.2   | 24.7    | 21.6 | 4.6   | 31.2     | 27.6 | 5.7   |
| Pneumonia/Influenza.....                   | 135             | 11.1                | 15.5 | 5.4   | 17.8    | 21.1 | 5.4   | 22.2     | 24.8 | 5.8   |
| Chronic Obstructive Pulmonary Disease..... | 41              | 7.3                 | 8.6  | ----- | 7.3     | 15.1 | ----- | 9.8      | 19.7 | ----- |
| Transient Cerebral Ischemia.....           | 74              | 2.7                 | 1.9  | 1.7   | 4.1     | 4.3  | 2.4   | 8.1      | 7.0  | 3.1   |
| Stroke.....                                | 150             | 18.7                | 20.2 | 3.7   | 24.0    | 26.4 | 3.9   | 25.3     | 30.1 | 4.6   |
| Hip Fracture.....                          | 62              | 0.0                 | 6.3  | 5.6   | 8.1     | 11.0 | 7.1   | 11.3     | 14.3 | 6.5   |
| Sepsis.....                                | 69              | 26.1                | 27.1 | 6.4   | 33.3    | 35.0 | 5.9   | 42.0     | 39.9 | 6.4   |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 35              | 0.0                 | 2.3  | ----- | 0.0     | 3.2  | ----- | 2.9      | 4.2  | ----- |
| Coronary Artery Bypass Graft.....          | 33              | 3.0                 | 5.2  | ----- | 9.1     | 7.1  | ----- | 12.1     | 7.9  | ----- |
| Initial Pacemaker Insertion.....           | 28              | 10.7                | 4.9  | ----- | 14.3    | 8.7  | ----- | 17.9     | 11.9 | ----- |
| Carotid Endarterectomy.....                | 10              | 10.0                | 1.3  | ----- | 10.0    | 2.5  | ----- | 10.0     | 3.7  | ----- |
| Hip Replacement/Reconstruction.....        | 57              | 0.0                 | 3.1  | 3.6   | 5.3     | 5.7  | 5.9   | 7.0      | 7.6  | 6.2   |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 6.8  | ----- | 0.0     | 12.1 | ----- | 9.1      | 15.9 | ----- |
| Prostatectomy.....                         | 117             | 0.9                 | 0.8  | 1.0   | 2.6     | 1.8  | 1.4   | 2.6      | 3.1  | 2.3   |
| Cholecystectomy.....                       | 57              | 3.5                 | 2.9  | 2.8   | 7.0     | 5.1  | 4.2   | 8.8      | 6.7  | 4.6   |
| Hysterectomy.....                          | 27              | 0.0                 | 1.2  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# INGALLS MEMORIAL HOSPITAL

Medicare Provider Number: 140191

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.3 years  
Proportion female..... 56.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 55.1 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 19.2 %  
Admitted for emergency..... 42.0 %

### COMORBIDITIES:

Cancer..... 8.3 %  
Chronic cardiovascular disease..... 37.9 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 5.9 %  
Chronic pulmonary disease..... 14.0 %  
Cerebrovascular degeneration..... 4.3 %  
Diabetes mellitus..... 8.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.9%  
State..... 4.0%  
Outside State..... 4.1%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.7 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 542  
Occupancy Rate..... 70.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 32.0 %  
Case Mix Index (CMI)..... 1.3077

### STAFFING:

Total Number of Physicians..... 326  
Percent of Physicians Board  
Certified Specialists..... 73.6 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 439  
Licensed Practical Nurses..... 20

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# IROQUOIS MEMORIAL HOSPITAL

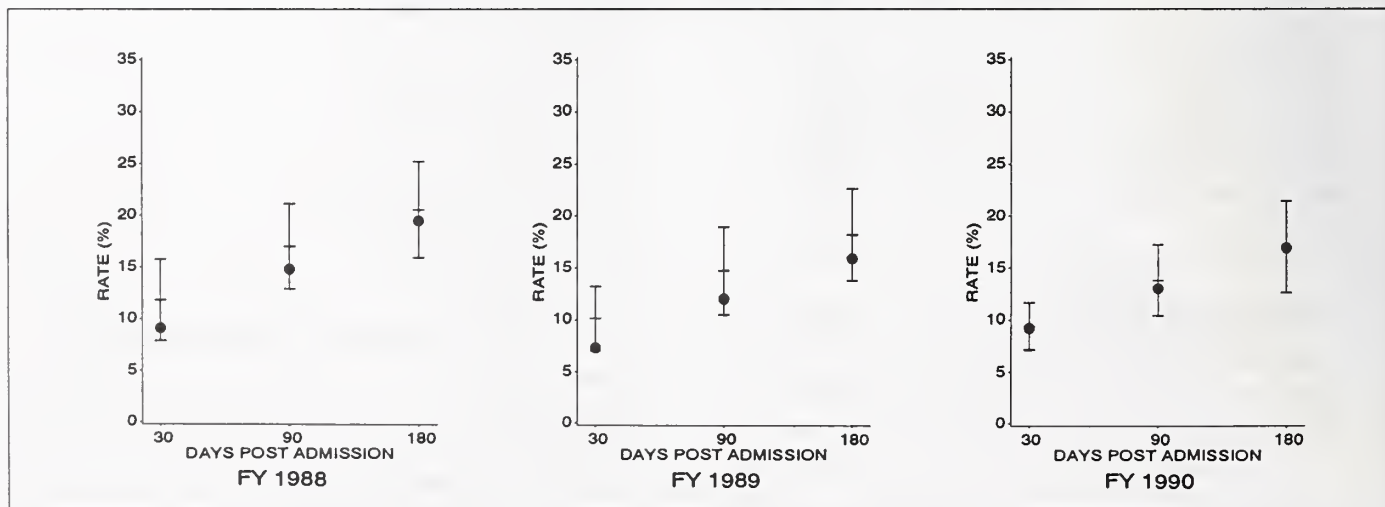
200 FAIRMAN STREET  
WATSEKA, IL 60970  
Medicare Provider Number: 140167

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 685             | 9.2                 | 9.4  | 1.1  | 13.0    | 13.8 | 1.7  | 16.9     | 17.0 | 2.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 29              | 37.9                | 27.8 | ---- | 48.3    | 30.9 | ---- | 48.3     | 33.8 | ---- |
| Congestive Heart Failure.....              | 51              | 13.7                | 15.1 | 5.8  | 25.5    | 23.8 | 6.6  | 31.4     | 30.0 | 6.5  |
| Pneumonia/Influenza.....                   | 93              | 11.8                | 16.1 | 6.3  | 17.2    | 21.6 | 8.3  | 20.4     | 25.4 | 8.9  |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 6.0  | ---- | 15.4    | 10.7 | ---- | 30.8     | 14.4 | ---- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 2.2  | ---- | 0.0     | 5.0  | ---- | 12.5     | 8.5  | ---- |
| Stroke.....                                | 16              | 25.0                | 21.2 | ---- | 25.0    | 27.8 | ---- | 37.5     | 31.6 | ---- |
| Hip Fracture.....                          | 7               | 28.6                | 7.9  | ---- | 28.6    | 14.0 | ---- | 28.6     | 18.2 | ---- |
| Sepsis.....                                | 11              | 0.0                 | 17.6 | ---- | 9.1     | 24.6 | ---- | 9.1      | 29.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 3.0  | ---- | 0.0     | 4.9  | ---- | 0.0      | 6.5  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 4.7  | ---- | 0.0     | 7.5  | ---- | 0.0      | 10.4 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 23              | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 4.3      | 3.0  | ---- |
| Cholecystectomy.....                       | 15              | 0.0                 | 1.0  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.6  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# IROQUOIS MEMORIAL HOSPITAL

Medicare Provider Number: 140167

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.3 years  
Proportion female..... 62.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 34.2 %  
Transferred from skilled nursing facility..... 1.2 %  
Admitted for elective procedure..... 9.9 %  
Admitted for emergency..... 11.8 %

### COMORBIDITIES:

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 42.3 %  
Chronic liver disease..... 0.1 %  
Chronic renal disease..... 1.0 %  
Chronic pulmonary disease..... 15.3 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.9 %  
State ..... 10.4 %  
Outside State ..... 5.7 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 114  
Occupancy Rate ..... 58.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 44.6 %  
Case Mix Index (CMI) ..... 1.0827

### STAFFING:

Total Number of Physicians..... 19  
Percent of Physicians Board  
Certified Specialists..... 15.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 61  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# JACKSON PARK HOSPITAL FOUNDATION

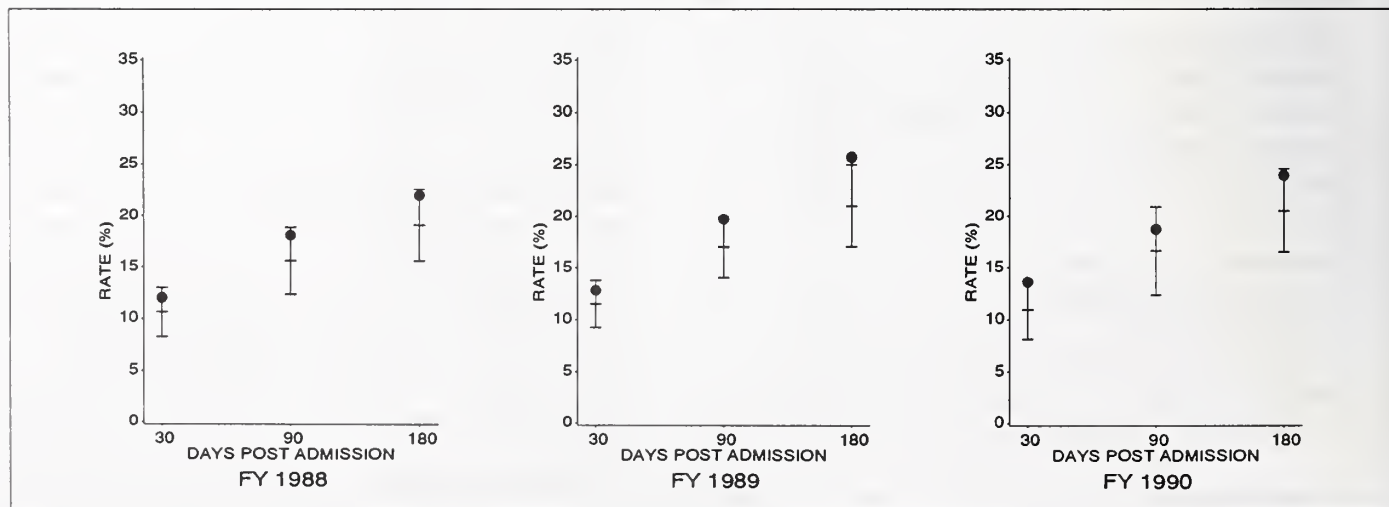
7531 S STONEY ISLAND AVE  
CHICAGO, IL 60649  
Medicare Provider Number: 140177

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 803             | 13.6                | 10.9 | 1.4   | 18.7    | 16.6 | 2.2   | 23.9     | 20.5 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13              | 46.2                | 22.4 | ----- | 53.8    | 25.3 | ----- | 53.8     | 28.1 | ----- |
| Congestive Heart Failure.....              | 74              | 13.5                | 13.4 | 5.2   | 17.6    | 21.3 | 5.7   | 28.4     | 27.2 | 6.0   |
| Pneumonia/Influenza.....                   | 21              | 28.6                | 12.8 | ----- | 28.6    | 17.8 | ----- | 28.6     | 21.2 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 0.0                 | 10.1 | ----- | 0.0     | 15.7 | ----- | 22.2     | 19.9 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.6  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 64              | 25.0                | 18.9 | 9.6   | 32.8    | 25.8 | 11.7  | 35.9     | 29.6 | 10.7  |
| Hip Fracture.....                          | 7               | 0.0                 | 6.0  | ----- | 0.0     | 10.3 | ----- | 0.0      | 13.0 | ----- |
| Sepsis.....                                | 20              | 55.0                | 29.7 | ----- | 60.0    | 41.6 | ----- | 60.0     | 47.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.7  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 5.9  | ----- | 0.0     | 10.0 | ----- | 0.0      | 12.8 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 5.4  | ----- | 0.0     | 9.6  | ----- | 0.0      | 12.6 | ----- |
| Prostatectomy.....                         | 17              | 0.0                 | 1.7  | ----- | 0.0     | 3.9  | ----- | 5.9      | 6.5  | ----- |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.6  | ----- | 0.0     | 3.1  | ----- | 0.0      | 4.4  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 0.0      | 2.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# JACKSON PARK HOSPITAL FOUNDATION

Medicare Provider Number: 140177

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.3 years  
Proportion female..... 55.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 25.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.1 %  
Admitted for emergency..... 73.6 %

### COMORBIDITIES:

Cancer..... 7.5 %  
Chronic cardiovascular disease..... 35.7 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 6.5 %  
Chronic pulmonary disease..... 13.6 %  
Cerebrovascular degeneration..... 5.0 %  
Diabetes mellitus..... 13.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 97.3%  
State ..... 0.7%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 328  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.2127

### STAFFING:

Medical Residents/Interns ..... 2  
Registered Nurses ..... 113  
Licensed Practical Nurses ..... 38

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... Yes  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# JERSEY COMMUNITY HOSPITAL DISTRICT

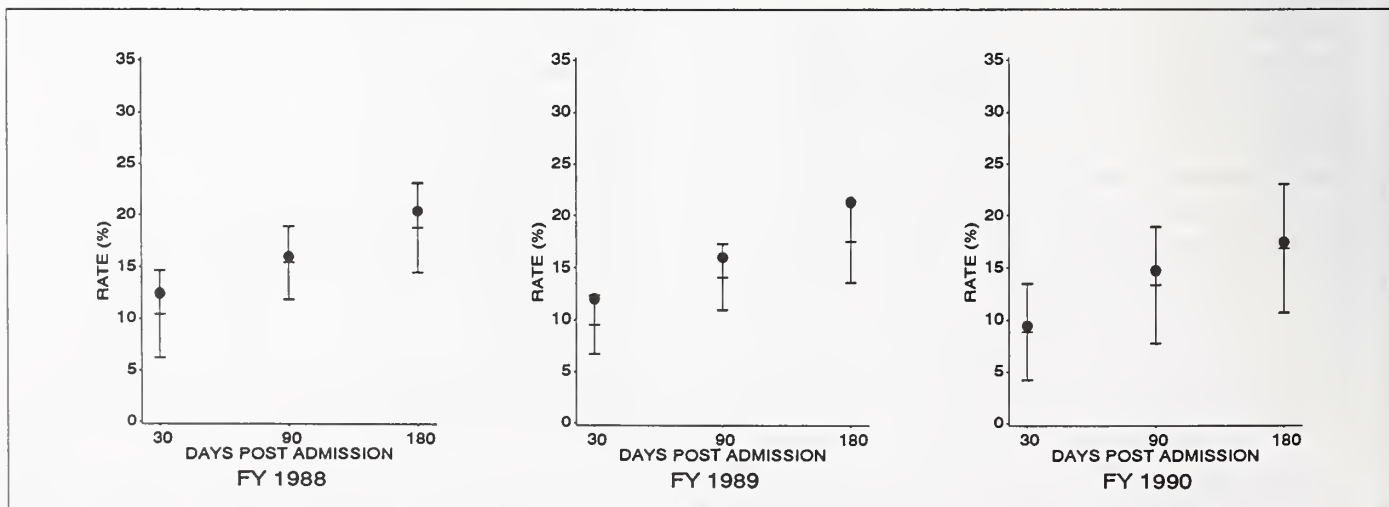
400 MAPLE SUMMIT ROAD  
JERSEYVILLE, IL 62052  
Medicare Provider Number: 140059

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 587             | 9.4                 | 8.8  | 2.3   | 14.7    | 13.3 | 2.8   | 17.4     | 16.8 | 3.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 17              | 35.3                | 25.4 | ----- | 41.2    | 29.1 | ----- | 47.1     | 31.8 | ----- |
| Congestive Heart Failure.....              | 37              | 13.5                | 13.7 | ----- | 29.7    | 22.3 | ----- | 29.7     | 28.7 | ----- |
| Pneumonia/Influenza.....                   | 82              | 17.1                | 13.6 | 5.2   | 20.7    | 18.5 | 4.7   | 25.6     | 21.8 | 5.9   |
| Chronic Obstructive Pulmonary Disease..... | 8               | 25.0                | 10.5 | ----- | 25.0    | 17.1 | ----- | 37.5     | 22.1 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 1.6  | ----- | 0.0     | 3.9  | ----- | 0.0      | 6.6  | ----- |
| Stroke.....                                | 20              | 25.0                | 16.8 | ----- | 30.0    | 23.6 | ----- | 30.0     | 27.4 | ----- |
| Hip Fracture.....                          | 14              | 0.0                 | 6.1  | ----- | 14.3    | 11.1 | ----- | 14.3     | 14.6 | ----- |
| Sepsis.....                                | 9               | 44.4                | 29.4 | ----- | 55.6    | 37.4 | ----- | 66.7     | 42.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 6.9  | ----- | 0.0     | 10.6 | ----- | 0.0      | 13.2 | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 6.2  | ----- | 18.2    | 11.7 | ----- | 18.2     | 15.5 | ----- |
| Prostatectomy.....                         | 11              | 0.0                 | 0.7  | ----- | 9.1     | 1.6  | ----- | 18.2     | 2.7  | ----- |
| Cholecystectomy.....                       | 10              | 0.0                 | 2.8  | ----- | 0.0     | 4.7  | ----- | 10.0     | 6.3  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# JERSEY COMMUNITY HOSPITAL DISTRICT

Medicare Provider Number: 140059

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.1 years

Proportion female..... 56.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 61.8 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 29.0 %

Admitted for emergency..... 58.3 %

### COMORBIDITIES:

Cancer..... 5.6 %

Chronic cardiovascular disease..... 32.5 %

Chronic liver disease..... 0.9 %

Chronic renal disease..... 3.7 %

Chronic pulmonary disease..... 17.9 %

Cerebrovascular degeneration..... 3.6 %

Diabetes mellitus..... 9.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 54.2%

State ..... 44.1%

Outside State ..... 1.7%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.4 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 67

Occupancy Rate ..... 43.0 %

Ownership/Control..... District/Authority

Medicare Discharges ..... 44.3 %

Case Mix Index (CMI) ..... 1.0402

### STAFFING:

Total Number of Physicians..... 11

Percent of Physicians Board  
Certified Specialists..... 54.5 %

Medical Residents/Interns ..... 0

Registered Nurses..... 34

Licensed Practical Nurses ..... 16

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... No

Hospice Care ..... No

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric ..... No

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# JOHN AND MARY KIRBY HOSPITAL

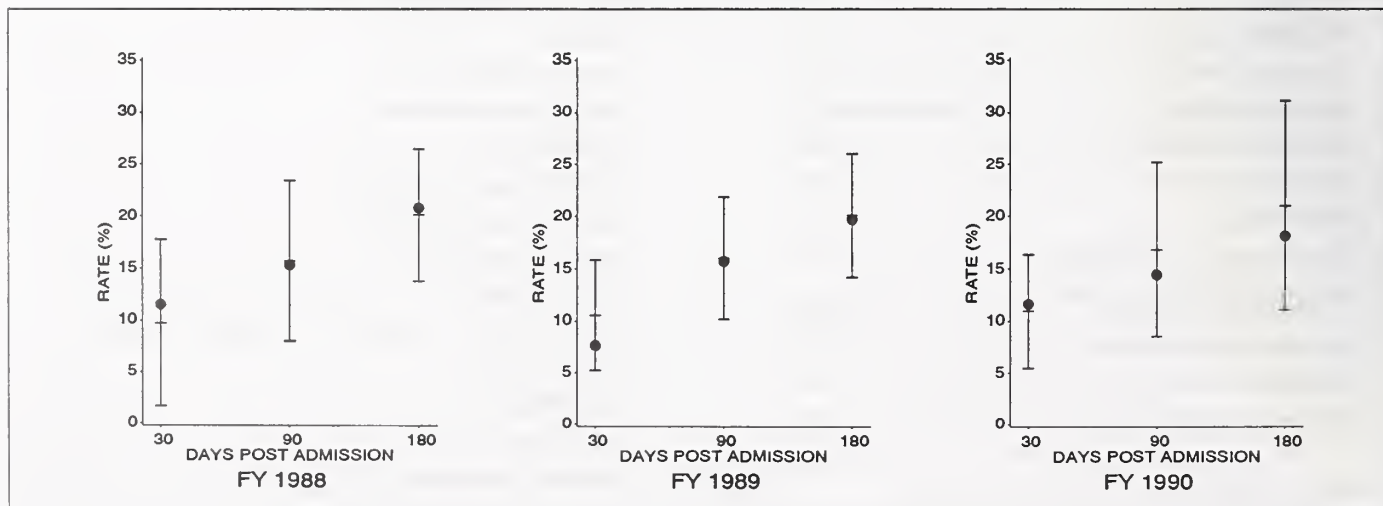
1111 NORTH STATE STREET  
MONTICELLO, IL 61856  
Medicare Provider Number: 140230

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 216             | 11.6                | 10.9 | 2.7  | 14.4    | 16.8 | 4.2  | 18.1     | 21.0 | 5.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 17.2 | ---- | 0.0     | 19.5 | ---- | 0.0      | 21.6 | ---- |
| Congestive Heart Failure.....              | 13              | 0.0                 | 14.5 | ---- | 7.7     | 22.5 | ---- | 23.1     | 28.9 | ---- |
| Pneumonia/Influenza.....                   | 18              | 11.1                | 15.9 | ---- | 11.1    | 22.3 | ---- | 16.7     | 26.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 7.4  | ---- | 20.0    | 12.0 | ---- | 20.0     | 15.6 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.0  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.4  | ---- |
| Stroke.....                                | 8               | 12.5                | 21.7 | ---- | 12.5    | 27.9 | ---- | 12.5     | 32.4 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 5.6  | ---- | 0.0     | 10.2 | ---- | 0.0      | 14.6 | ---- |
| Sepsis.....                                | 5               | 20.0                | 24.5 | ---- | 20.0    | 28.7 | ---- | 20.0     | 32.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 3               | 0.0                 | 2.5  | ---- | 0.0     | 4.5  | ---- | 0.0      | 5.8  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# JOHN AND MARY KIRBY HOSPITAL

Medicare Provider Number: 140230

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS:                                  |            | COMORBIDITIES:                      |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| Average age at admission.....                  | 79.7 years | Cancer.....                         | 6.0 %  |
| Proportion female.....                         | 66.7 %     | Chronic cardiovascular disease..... | 22.2 % |
| ADMISSION SOURCES/TYPES:                       |            | Chronic liver disease.....          | 0.0 %  |
| Referred by personal or HMO physician.....     | 55.1 %     | Chronic renal disease.....          | 0.9 %  |
| Transferred from skilled nursing facility..... | 0.5 %      | Chronic pulmonary disease.....      | 14.4 % |
| Admitted for elective procedure.....           | 4.2 %      | Cerebrovascular degeneration.....   | 11.1 % |
| Admitted for emergency.....                    | 41.7 %     | Diabetes mellitus.....              | 3.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

| ORIGIN OF MEDICARE PATIENT ADMISSION: |        | MEDICARE AVERAGE LENGTH OF STAY: |          |
|---------------------------------------|--------|----------------------------------|----------|
| County/City .....                     | 87.1%  | Hospital .....                   | 5.1 Days |
| State .....                           | 12.0%  | State .....                      | 8.4 Days |
| Outside State .....                   | 0.9%   | National .....                   | 8.6 Days |
| Total .....                           | 100.0% |                                  |          |

## HOSPITAL CHARACTERISTICS\*

| SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990 |                     |                                          |     |
|-------------------------------------------------------------|---------------------|------------------------------------------|-----|
| PROFILE:                                                    |                     | SPECIALTY SERVICES:                      |     |
| Total Beds .....                                            | 18                  | Burn Unit .....                          | No  |
| Occupancy Rate .....                                        | 50.0 %              | Cardiac Intensive Care .....             | No  |
| Ownership/Control.....                                      | Private, Non-Profit | Comprehensive Geriatric .....            | No  |
| Medicare Discharges .....                                   | 62.7 %              | Hospice Care .....                       | No  |
| Case Mix Index (CMI) .....                                  | 0.9497              | Medical/Surgical Intensive Care .....    | No  |
| STAFFING:                                                   |                     | Organ/Tissue Transplant .....            | No  |
| Total Number of Physicians.....                             | 31                  | Other Intensive Care .....               | No  |
| Percent of Physicians Board<br>Certified Specialists .....  | 96.8 %              | Trauma Center .....                      | No  |
| Medical Residents/Interns .....                             | 0                   | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: |     |
| Registered Nurses.....                                      | 10                  | Alcohol/Drug .....                       | No  |
| Licensed Practical Nurses .....                             | 3                   | Rehabilitation.....                      | No  |
|                                                             |                     | Psychiatric .....                        | No  |
|                                                             |                     | Medicare Swing Beds .....                | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KATHERINE SHAW BETHEA HOSPITAL

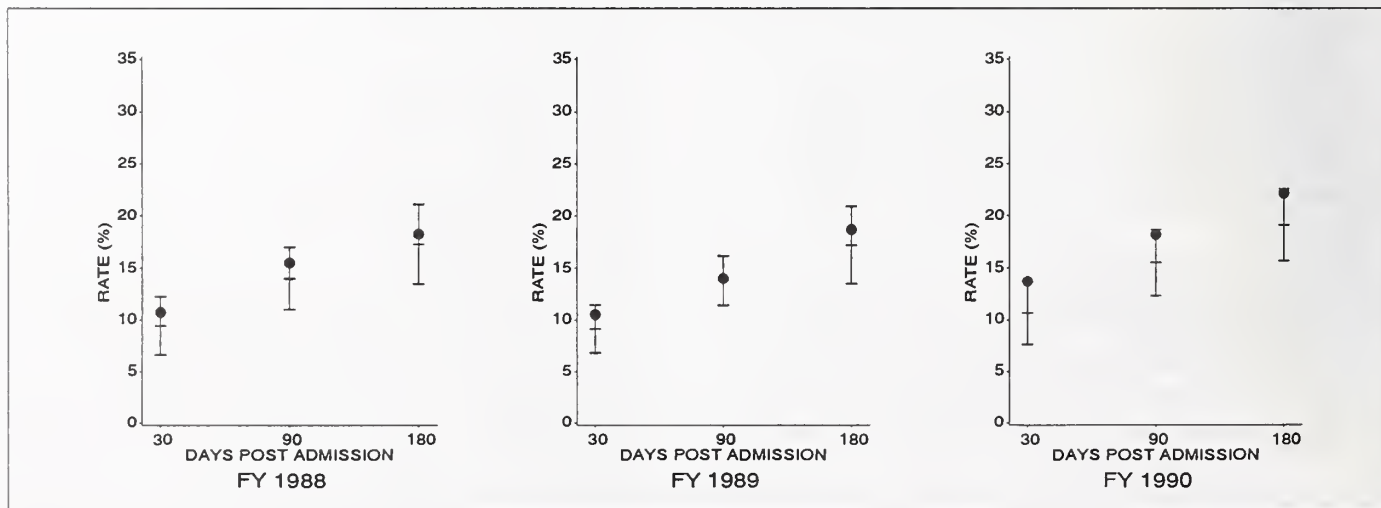
403 E 1ST ST  
DIXON, IL 61021  
Medicare Provider Number: 140012

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 796             | 13.7                | 10.6 | 1.5  | 18.2    | 15.5 | 1.6  | 22.1     | 19.1 | 1.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 34              | 35.3                | 24.5 | ---- | 41.2    | 27.6 | ---- | 41.2     | 30.6 | ---- |
| Congestive Heart Failure.....              | 43              | 20.9                | 15.5 | ---- | 30.2    | 24.7 | ---- | 37.2     | 30.9 | ---- |
| Pneumonia/Influenza.....                   | 47              | 25.5                | 16.2 | ---- | 34.0    | 22.0 | ---- | 40.4     | 25.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 9.1                 | 7.2  | ---- | 9.1     | 13.4 | ---- | 18.2     | 18.0 | ---- |
| Transient Cerebral Ischemia.....           | 18              | 5.6                 | 1.5  | ---- | 5.6     | 3.4  | ---- | 5.6      | 5.7  | ---- |
| Stroke.....                                | 33              | 27.3                | 22.5 | ---- | 30.3    | 27.9 | ---- | 36.4     | 31.8 | ---- |
| Hip Fracture.....                          | 28              | 10.7                | 8.3  | ---- | 21.4    | 14.7 | ---- | 21.4     | 18.7 | ---- |
| Sepsis.....                                | 13              | 46.2                | 38.7 | ---- | 46.2    | 47.9 | ---- | 61.5     | 53.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 3.1  | ---- | 33.3    | 5.9  | ---- | 33.3     | 8.1  | ---- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 1.5  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.9  | ---- |
| Hip Replacement/Reconstruction.....        | 17              | 5.9                 | 6.1  | ---- | 23.5    | 11.1 | ---- | 23.5     | 14.2 | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 6.7                 | 4.6  | ---- | 6.7     | 8.5  | ---- | 6.7      | 11.3 | ---- |
| Prostatectomy.....                         | 18              | 0.0                 | 0.7  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.7  | ---- |
| Cholecystectomy.....                       | 13              | 0.0                 | 4.6  | ---- | 7.7     | 9.4  | ---- | 15.4     | 12.7 | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KATHERINE SHAW BETHEA HOSPITAL

Medicare Provider Number: 140012

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.9 years |
| Proportion female.....        | 57.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 36.6 % |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 65.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.2 %  |
| Chronic cardiovascular disease..... | 31.5 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 2.9 %  |
| Chronic pulmonary disease.....      | 10.9 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 7.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 69.3%  |
| State.....         | 28.3%  |
| Outside State..... | 2.4%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 5.9 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 121                 |
| Occupancy Rate.....       | 36.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 41.0 %              |
| Case Mix Index (CMI)..... | 1.2611              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 38     |
| Percent of Physicians Board<br>Certified Specialists..... | 73.7 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 83     |
| Licensed Practical Nurses.....                            | 21     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | Yes |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | Yes |
| Medicare Swing Beds..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KEWANEE HOSPITAL

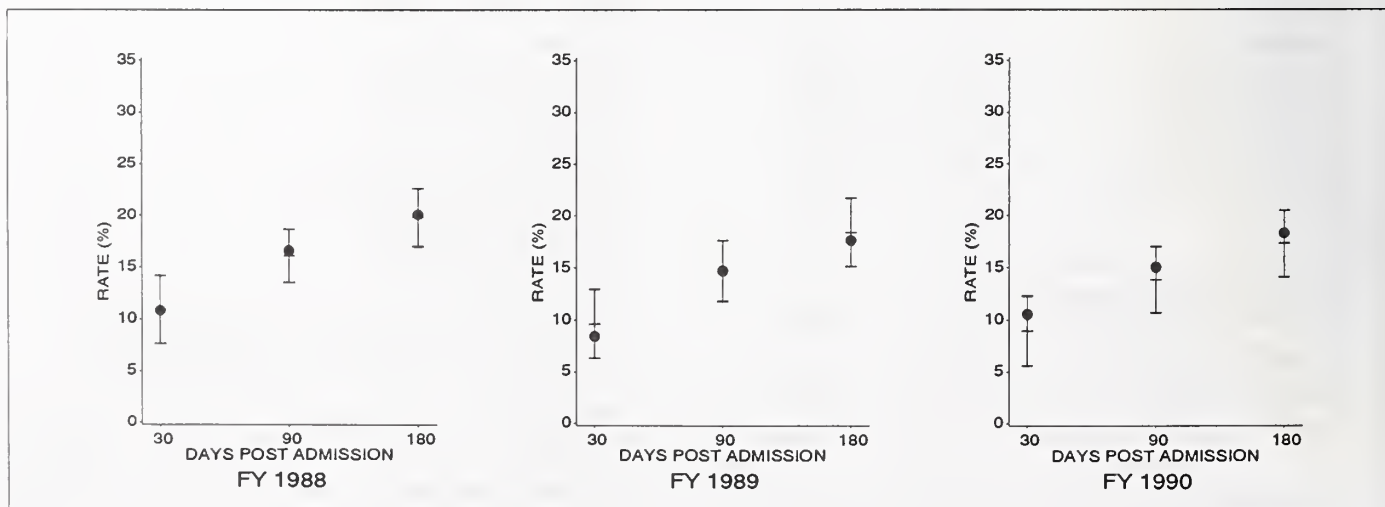
719 ELLIOTT ST  
KEWANEE, IL 61443  
Medicare Provider Number: 140036

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 775             | 10.5                | 8.9  | 1.7   | 15.0    | 13.8 | 1.6   | 18.3     | 17.3 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 19.0                | 18.9 | ----- | 28.6    | 22.2 | ----- | 28.6     | 25.2 | ----- |
| Congestive Heart Failure.....              | 51              | 17.6                | 14.1 | 5.7   | 23.5    | 22.2 | 6.0   | 23.5     | 28.5 | 7.6   |
| Pneumonia/Influenza.....                   | 65              | 26.2                | 16.4 | 7.2   | 29.2    | 22.7 | 7.1   | 32.3     | 26.7 | 6.4   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 7.4                 | 5.4  | ----- | 11.1    | 10.5 | ----- | 11.1     | 15.0 | ----- |
| Transient Cerebral Ischemia.....           | 13              | 0.0                 | 1.6  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.9  | ----- |
| Stroke.....                                | 27              | 14.8                | 20.1 | ----- | 18.5    | 25.4 | ----- | 22.2     | 28.7 | ----- |
| Hip Fracture.....                          | 23              | 0.0                 | 6.2  | ----- | 8.7     | 11.0 | ----- | 8.7      | 14.3 | ----- |
| Sepsis.....                                | 5               | 60.0                | 20.8 | ----- | 60.0    | 29.0 | ----- | 60.0     | 33.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.3  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.2  | ----- |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 4.5  | ----- | 0.0     | 8.5  | ----- | 0.0      | 11.4 | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 0.0                 | 5.9  | ----- | 15.4    | 11.0 | ----- | 15.4     | 14.4 | ----- |
| Prostatectomy.....                         | 18              | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.3  | ----- |
| Cholecystectomy.....                       | 8               | 0.0                 | 2.8  | ----- | 0.0     | 5.4  | ----- | 12.5     | 7.7  | ----- |
| Hysterectomy.....                          | 3               | 33.3                | 0.3  | ----- | 33.3    | 0.4  | ----- | 33.3     | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





**KEWANEE HOSPITAL**  
Medicare Provider Number: 140036

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 77.0 years  
Proportion female..... 57.8 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 54.2 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 52.1 %

**COMORBIDITIES:**

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 34.3 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 13.8 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 6.5 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 74.9%  
State ..... 24.4%  
Outside State ..... 0.7%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 5.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 70  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 52.6 %  
Case Mix Index (CMI) ..... 1.1391

**STAFFING:**

Total Number of Physicians..... 17  
Percent of Physicians Board  
Certified Specialists..... 52.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 67  
Licensed Practical Nurses ..... 13

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# KISHWAUKEE COMMUNITY HOSPITAL

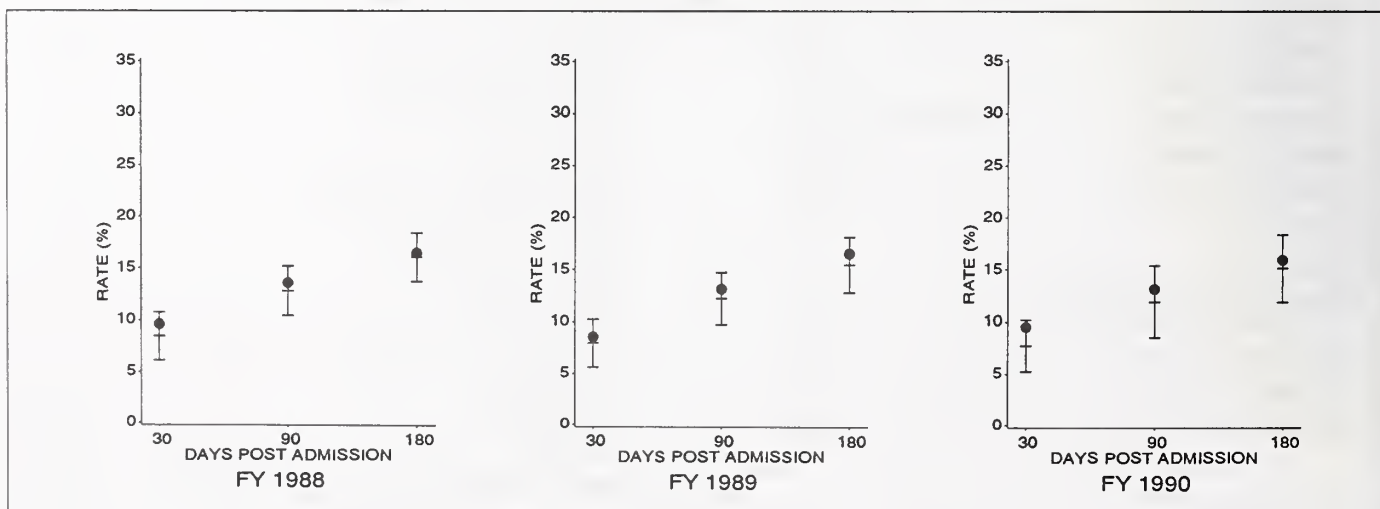
RT 23 BETHANY ROAD  
DE KALB, IL 60115  
Medicare Provider Number: 140286

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 876             | 9.5                 | 7.7  | 1.2  | 13.1    | 11.9 | 1.7  | 15.9     | 15.1 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 40              | 20.0                | 24.3 | ---- | 27.5    | 27.5 | ---- | 27.5     | 30.6 | ---- |
| Congestive Heart Failure.....              | 40              | 15.0                | 13.4 | ---- | 25.0    | 20.9 | ---- | 27.5     | 27.0 | ---- |
| Pneumonia/Influenza.....                   | 33              | 9.1                 | 15.1 | ---- | 15.2    | 20.5 | ---- | 21.2     | 23.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 11.1                | 5.5  | ---- | 11.1    | 10.1 | ---- | 22.2     | 14.3 | ---- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.2  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 23              | 30.4                | 22.6 | ---- | 30.4    | 29.6 | ---- | 34.8     | 33.6 | ---- |
| Hip Fracture.....                          | 32              | 3.1                 | 6.2  | ---- | 3.1     | 11.0 | ---- | 3.1      | 14.3 | ---- |
| Sepsis.....                                | 5               | 40.0                | 19.9 | ---- | 40.0    | 27.3 | ---- | 60.0     | 31.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.7  | ---- | 25.0    | 3.8  | ---- | 25.0     | 6.4  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 29              | 3.4                 | 3.5  | ---- | 3.4     | 6.7  | ---- | 3.4      | 9.0  | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 0.0                 | 6.1  | ---- | 0.0     | 11.1 | ---- | 0.0      | 14.4 | ---- |
| Prostatectomy.....                         | 33              | 0.0                 | 1.2  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.5  | ---- |
| Cholecystectomy.....                       | 18              | 0.0                 | 3.4  | ---- | 0.0     | 6.0  | ---- | 0.0      | 7.5  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.2  | ---- | 0.0     | 0.5  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KISHWAUKEE COMMUNITY HOSPITAL

Medicare Provider Number: 140286

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.0 years |
| Proportion female.....        | 53.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 33.8 % |
| Transferred from skilled nursing facility..... | 3.1 %  |
| Admitted for elective procedure.....           | 1.8 %  |
| Admitted for emergency.....                    | 0.2 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.0 %  |
| Chronic cardiovascular disease..... | 43.4 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 1.0 %  |
| Chronic pulmonary disease.....      | 13.8 % |
| Cerebrovascular degeneration.....   | 2.3 %  |
| Diabetes mellitus.....              | 7.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 85.4%  |
| State .....         | 13.1%  |
| Outside State ..... | 1.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 129                 |
| Occupancy Rate .....       | 44.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 28.9 %              |
| Case Mix Index (CMI) ..... | 1.1081              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 56     |
| Percent of Physicians Board<br>Certified Specialists ..... | 73.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 109    |
| Licensed Practical Nurses .....                            | 10     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# LA GRANGE MEMORIAL HOSPITAL

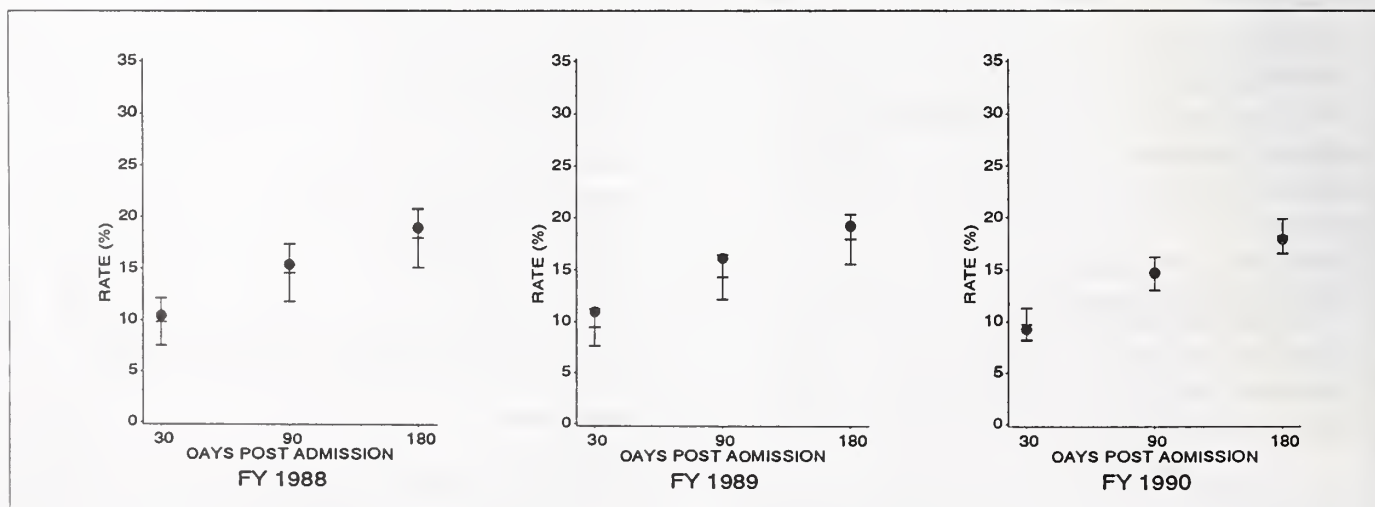
5101 WILLOW SPRINGS RD  
LA GRANGE, IL 60525  
Medicare Provider Number: 140065

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2295            | 9.2                 | 9.7  | 0.8  | 14.7    | 14.6 | 0.8  | 17.9     | 18.2 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 62              | 22.6                | 23.4 | 5.6  | 24.2    | 26.3 | 5.9  | 25.8     | 28.8 | 6.4  |
| Congestive Heart Failure.....              | 159             | 14.5                | 16.7 | 3.5  | 25.8    | 26.2 | 3.6  | 31.4     | 32.7 | 3.9  |
| Pneumonia/Influenza.....                   | 115             | 17.4                | 18.9 | 3.8  | 26.1    | 25.2 | 4.3  | 28.7     | 29.3 | 4.3  |
| Chronic Obstructive Pulmonary Disease..... | 31              | 12.9                | 9.8  | ---- | 19.4    | 15.9 | ---- | 19.4     | 20.5 | ---- |
| Transient Cerebral Ischemia.....           | 42              | 0.0                 | 2.0  | ---- | 0.0     | 4.4  | ---- | 0.0      | 7.2  | ---- |
| Stroke.....                                | 96              | 9.4                 | 21.4 | 7.0  | 17.7    | 29.3 | 7.5  | 22.9     | 33.7 | 7.4  |
| Hip Fracture.....                          | 63              | 7.9                 | 6.8  | 3.4  | 14.3    | 12.4 | 4.5  | 15.9     | 16.3 | 4.7  |
| Sepsis.....                                | 19              | 26.3                | 25.8 | ---- | 31.6    | 33.7 | ---- | 31.6     | 39.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 21              | 4.8                 | 5.1  | ---- | 4.8     | 6.6  | ---- | 4.8      | 7.5  | ---- |
| Initial Pacemaker Insertion.....           | 14              | 0.0                 | 2.8  | ---- | 0.0     | 5.7  | ---- | 7.1      | 8.7  | ---- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.2  | ---- | 0.0     | 2.5  | ---- | 0.0      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 33              | 6.1                 | 4.0  | ---- | 6.1     | 7.7  | ---- | 9.1      | 10.3 | ---- |
| Open Reduction of Hip Fracture.....        | 20              | 0.0                 | 5.3  | ---- | 0.0     | 9.9  | ---- | 0.0      | 13.7 | ---- |
| Prostatectomy.....                         | 53              | 1.9                 | 1.1  | 1.7  | 1.9     | 2.5  | 2.2  | 1.9      | 4.3  | 3.6  |
| Cholecystectomy.....                       | 46              | 0.0                 | 2.8  | ---- | 2.2     | 4.8  | ---- | 2.2      | 6.1  | ---- |
| Hysterectomy.....                          | 22              | 0.0                 | 0.7  | ---- | 0.0     | 1.7  | ---- | 4.5      | 2.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LA GRANGE MEMORIAL HOSPITAL

Medicare Provider Number: 140065

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 59.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.2 %  
Transferred from skilled nursing facility..... 8.2 %  
Admitted for elective procedure..... 18.5 %  
Admitted for emergency..... 56.2 %

### COMORBIDITIES:

Cancer..... 7.7 %  
Chronic cardiovascular disease..... 35.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 15.6 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 6.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 84.8%  
State ..... 12.9%  
Outside State ..... 2.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 236  
Occupancy Rate ..... 73.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 40.5 %  
Case Mix Index (CMI) ..... 1.2760

### STAFFING:

Total Number of Physicians..... 254  
Percent of Physicians Board  
Certified Specialists ..... 85.0 %  
Medical Residents/Interns ..... 18  
Registered Nurses..... 248  
Licensed Practical Nurses ..... 5

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# LAKE FOREST HOSPITAL

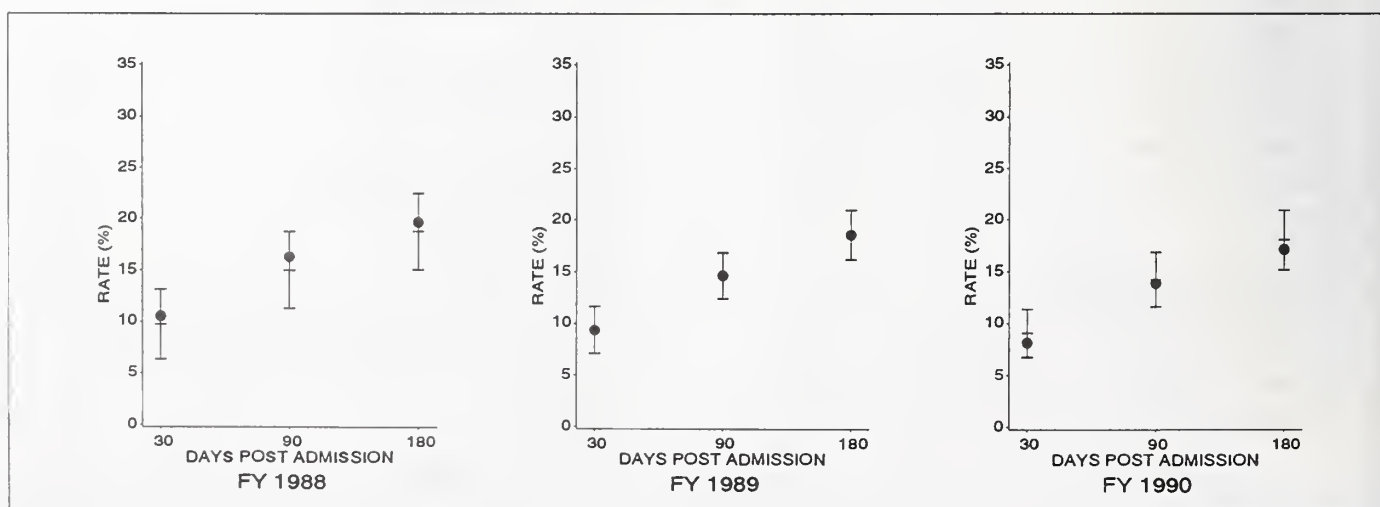
660 N WESTMORELAND ROAD  
LAKE FOREST, IL 60045  
Medicare Provider Number: 140130

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1086            | 8.1                 | 9.0  | 1.2  | 13.8    | 14.2 | 1.3  | 17.1     | 18.0 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 16              | 25.0                | 32.0 | ---- | 25.0    | 35.6 | ---- | 31.3     | 39.0 | ---- |
| Congestive Heart Failure.....              | 54              | 16.7                | 14.2 | 5.5  | 20.4    | 22.5 | 6.0  | 25.9     | 28.7 | 7.4  |
| Pneumonia/Influenza.....                   | 76              | 18.4                | 14.7 | 5.8  | 25.0    | 20.1 | 6.2  | 27.6     | 24.0 | 5.8  |
| Chronic Obstructive Pulmonary Disease..... | 8               | 12.5                | 10.0 | ---- | 12.5    | 16.2 | ---- | 12.5     | 20.0 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.3  | ---- |
| Stroke.....                                | 43              | 18.6                | 22.5 | ---- | 27.9    | 29.3 | ---- | 27.9     | 33.5 | ---- |
| Hip Fracture.....                          | 30              | 13.3                | 7.3  | ---- | 20.0    | 13.0 | ---- | 20.0     | 16.8 | ---- |
| Sepsis.....                                | 13              | 23.1                | 26.0 | ---- | 38.5    | 33.6 | ---- | 46.2     | 38.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 4.1  | ---- | 0.0     | 8.5  | ---- | 0.0      | 12.6 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 21              | 0.0                 | 4.2  | ---- | 0.0     | 8.7  | ---- | 0.0      | 12.2 | ---- |
| Open Reduction of Hip Fracture.....        | 2               | 0.0                 | 6.2  | ---- | 0.0     | 11.0 | ---- | 0.0      | 14.1 | ---- |
| Prostatectomy.....                         | 20              | 0.0                 | 0.8  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.8  | ---- |
| Cholecystectomy.....                       | 15              | 0.0                 | 4.1  | ---- | 0.0     | 6.9  | ---- | 6.7      | 8.7  | ---- |
| Hysterectomy.....                          | 15              | 0.0                 | 1.9  | ---- | 6.7     | 3.1  | ---- | 13.3     | 4.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAKE FOREST HOSPITAL

Medicare Provider Number: 140130

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.0 years |
| Proportion female.....        | 65.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 44.5 % |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 28.3 % |
| Admitted for emergency.....                    | 50.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 11.6 % |
| Chronic cardiovascular disease..... | 28.7 % |
| Chronic liver disease.....          | 1.5 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 13.5 % |
| Cerebrovascular degeneration.....   | 5.1 %  |
| Diabetes mellitus.....              | 7.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 80.0%  |
| State.....         | 13.0%  |
| Outside State..... | 7.0%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 7.6 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 244                 |
| Occupancy Rate.....       | 73.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 21.3 %              |
| Case Mix Index (CMI)..... | 1.1337              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 237    |
| Percent of Physicians Board<br>Certified Specialists..... | 85.7 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 249    |
| Licensed Practical Nurses.....                            | 0      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | Yes |
| Hospice Care.....                    | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# LAKESIDE COMMUNITY HOSPITAL

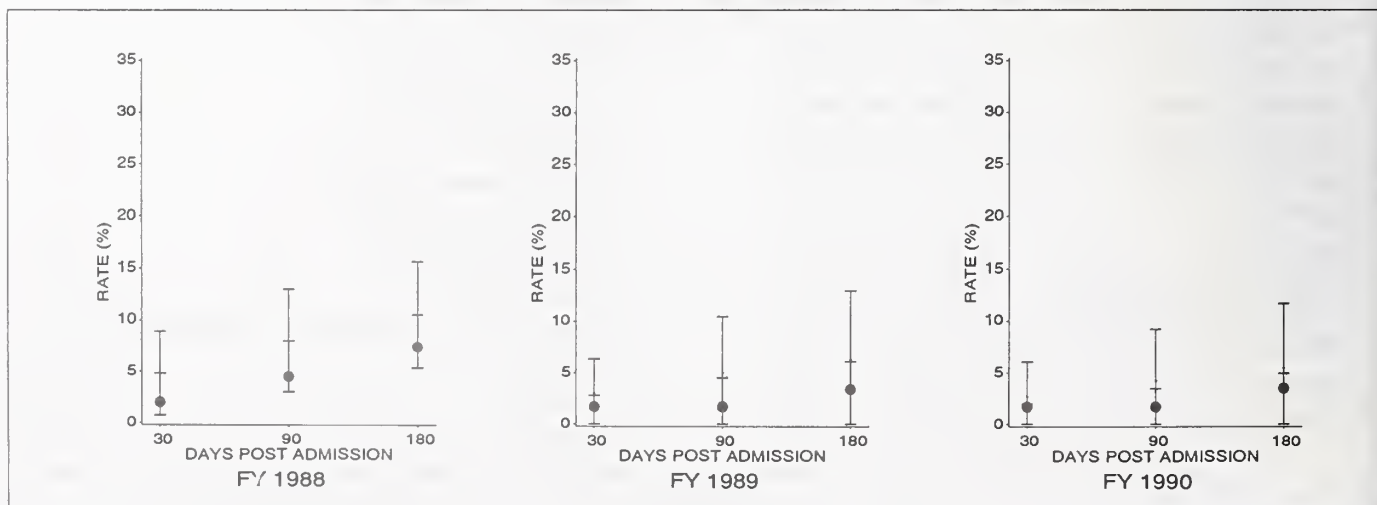
225 WEST CERMAK RD  
CHICAGO, IL 60616  
Medicare Provider Number: 140226

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 115             | 1.7                 | 2.0  | 2.0  | 1.7     | 3.5  | 2.8  | 3.5      | 4.9  | 3.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 50.0                | 18.8 | ---- | 50.0    | 20.7 | ---- | 50.0     | 22.7 | ---- |
| Congestive Heart Failure.....              | 2               | 0.0                 | 10.1 | ---- | 0.0     | 16.0 | ---- | 0.0      | 20.6 | ---- |
| Pneumonia/Influenza.....                   | 0               |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 2.3  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.5  | ---- |
| Stroke.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 1.8  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm$ 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LAKESIDE COMMUNITY HOSPITAL

Medicare Provider Number: 140226

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 48.2 years  
Proportion female..... 22.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 76.5 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.9 %  
Admitted for emergency..... 15.7 %

### COMORBIDITIES:

Cancer..... 0.9 %  
Chronic cardiovascular disease..... 12.2 %  
Chronic liver disease..... 1.7 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 7.0 %  
Cerebrovascular degeneration..... 12.2 %  
Diabetes mellitus..... 0.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 95.9%  
State ..... 1.0%  
Outside State ..... 3.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 91  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 3.6 %  
Case Mix Index (CMI) ..... 0.7740

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 2  
Registered Nurses..... 22  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LAWRENCE COUNTY MEMORIAL HOSPITAL

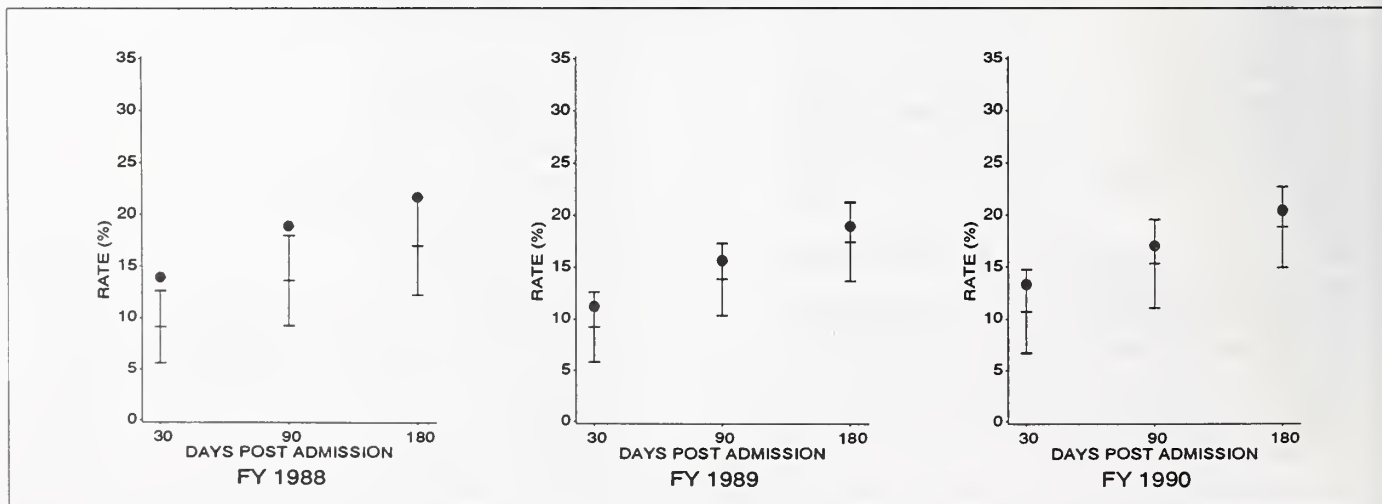
WEST STATE STREET  
LAWRENCEVILLE, IL 62439  
Medicare Provider Number: 140024

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 466                | 13.3                | 10.7 | 2.0  | 17.0    | 15.3 | 2.1  | 20.4     | 18.8 | 1.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 19                 | 36.8                | 32.8 | ---- | 36.8    | 36.4 | ---- | 36.8     | 39.8 | ---- |
| Congestive Heart Failure.....              | 28                 | 14.3                | 14.7 | ---- | 25.0    | 23.6 | ---- | 25.0     | 30.3 | ---- |
| Pneumonia/Influenza.....                   | 46                 | 23.9                | 14.4 | ---- | 30.4    | 19.5 | ---- | 37.0     | 23.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9                  | 22.2                | 5.9  | ---- | 22.2    | 11.1 | ---- | 22.2     | 15.5 | ---- |
| Transient Cerebral Ischemia.....           | 7                  | 0.0                 | 1.3  | ---- | 0.0     | 3.2  | ---- | 14.3     | 5.5  | ---- |
| Stroke.....                                | 20                 | 30.0                | 19.4 | ---- | 45.0    | 26.1 | ---- | 45.0     | 30.6 | ---- |
| Hip Fracture.....                          | 3                  | 0.0                 | 3.1  | ---- | 0.0     | 6.3  | ---- | 33.3     | 8.7  | ---- |
| Sepsis.....                                | 12                 | 16.7                | 18.5 | ---- | 16.7    | 23.0 | ---- | 16.7     | 26.8 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1                  | 0.0                 | 2.3  | ---- | 0.0     | 5.5  | ---- | 0.0      | 8.8  | ---- |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 3                  | 0.0                 | 1.2  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.0  | ---- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 2.1  | ---- | 0.0     | 4.2  | ---- | 0.0      | 5.8  | ---- |
| Hysterectomy.....                          | 4                  | 0.0                 | 1.8  | ---- | 0.0     | 4.3  | ---- | 0.0      | 6.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAWRENCE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 140024

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.8 years  
Proportion female..... 58.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 29.0 %  
Admitted for emergency..... 51.5 %

### COMORBIDITIES:

Cancer..... 4.9 %  
Chronic cardiovascular disease..... 36.9 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 16.1 %  
Cerebrovascular degeneration..... 10.1 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 92.2%  
State ..... 6.3%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 59  
Occupancy Rate ..... 49.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 48.8 %  
Case Mix Index (CMI) ..... 0.9871

### STAFFING:

Total Number of Physicians..... 24  
Percent of Physicians Board  
Certified Specialists ..... (Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 28  
Licensed Practical Nurses..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# LEYDEN COMMUNITY HOSPITAL

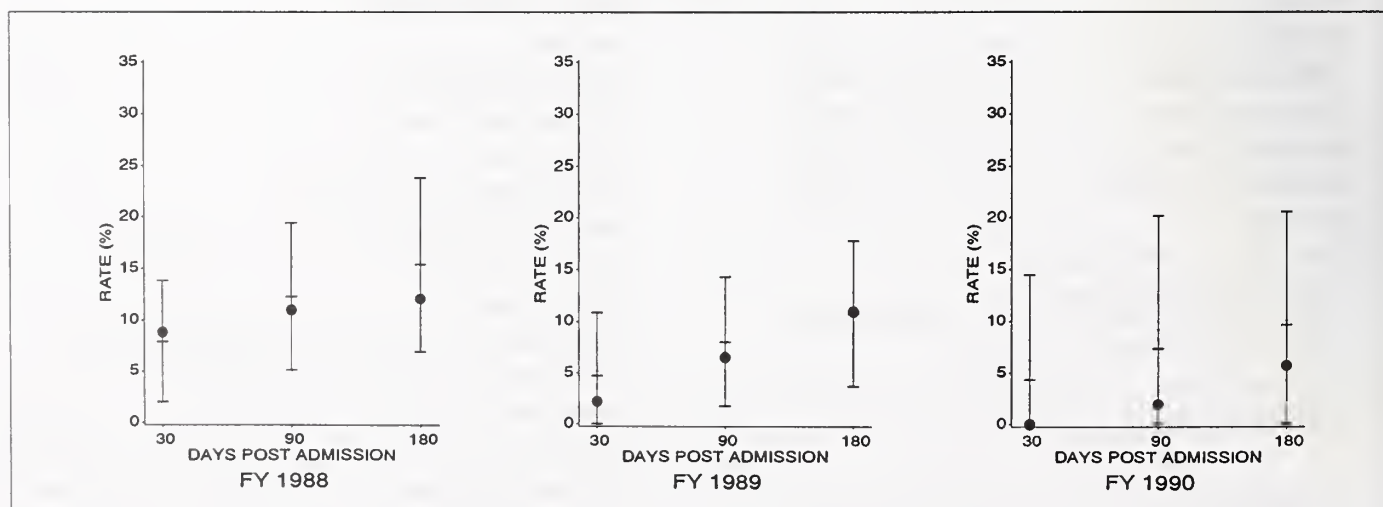
365 EAST NORTH AVENUE  
NORTHLAKE, IL 60164  
Medicare Provider Number: 140295

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 53              | 0.0                 | 4.3  | 5.1  | 1.9     | 7.3  | 6.4  | 5.7      | 9.6  | 5.5  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 1               | 0.0                 | 1.2  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.3  | ---- |
| Pneumonia/Influenza.....                   | 1               | 0.0                 | 10.2 | ---- | 0.0     | 14.6 | ---- | 0.0      | 16.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 11.8 | ---- | 0.0     | 20.6 | ---- | 0.0      | 25.6 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 3               | 0.0                 | 16.4 | ---- | 0.0     | 23.7 | ---- | 33.3     | 28.0 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1               | 0.0                 | 47.8 | ---- | 0.0     | 62.4 | ---- | 100.0    | 67.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LEYDEN COMMUNITY HOSPITAL

Medicare Provider Number: 140295

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 64.9 years  
Proportion female..... 49.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 98.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 1.9 %

### COMORBIDITIES:

Cancer..... 5.7 %  
Chronic cardiovascular disease..... 11.3 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.9 %  
Chronic pulmonary disease..... 1.9 %  
Cerebrovascular degeneration..... 11.3 %  
Diabetes mellitus..... 7.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 76.7%  
State ..... 21.1%  
Outside State ..... 2.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 101  
Ownership/Control..... Church  
Case Mix Index (CMI) ..... 0.8926

### STAFFING:

Medical Residents/Interns ..... 2  
Registered Nurses..... 5  
Licensed Practical Nurses ..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LINCOLN WEST HOSPITAL

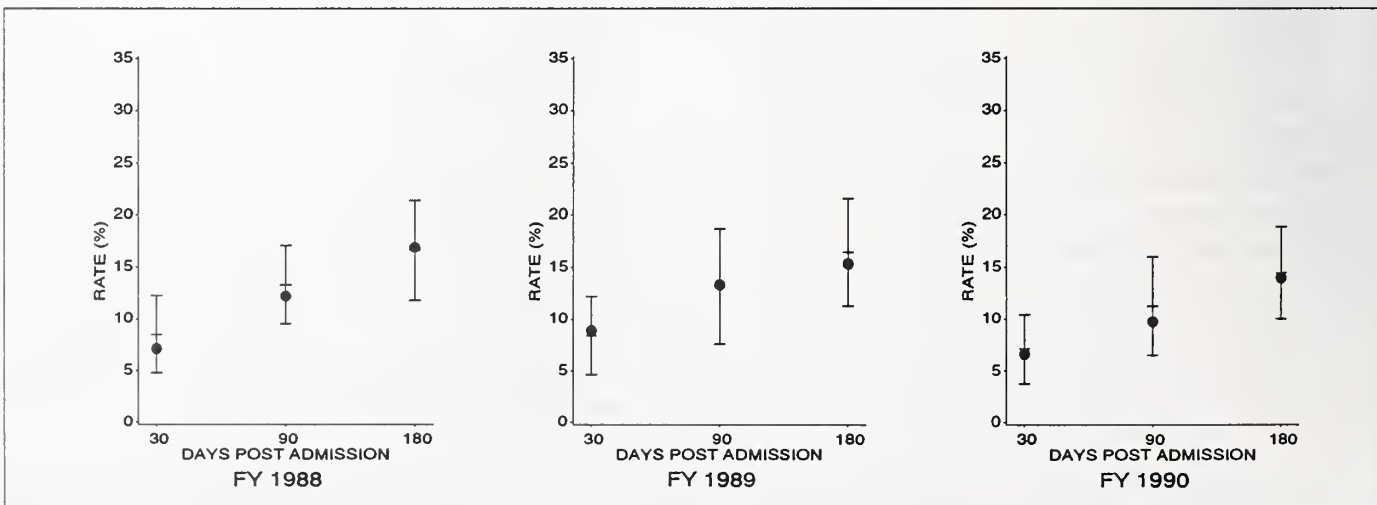
2544 W MONTROSE AVE  
CHICAGO, IL 60618  
Medicare Provider Number: 140192

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 259                | 6.6                 | 7.1  | 1.7  | 9.7     | 11.2 | 2.4  | 13.9     | 14.4 | 2.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 4                  | 50.0                | 31.8 | ---- | 50.0    | 36.1 | ---- | 50.0     | 39.4 | ---- |
| Congestive Heart Failure.....              | 8                  | 25.0                | 17.1 | ---- | 25.0    | 25.1 | ---- | 37.5     | 31.4 | ---- |
| Pneumonia/Influenza.....                   | 10                 | 10.0                | 11.5 | ---- | 10.0    | 15.9 | ---- | 20.0     | 19.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1                  | 0.0                 | 6.4  | ---- | 0.0     | 11.3 | ---- | 0.0      | 14.5 | ---- |
| Transient Cerebral Ischemia.....           | 5                  | 0.0                 | 1.4  | ---- | 0.0     | 3.2  | ---- | 0.0      | 5.4  | ---- |
| Stroke.....                                | 12                 | 16.7                | 11.9 | ---- | 25.0    | 17.5 | ---- | 25.0     | 21.0 | ---- |
| Hip Fracture.....                          | 3                  | 33.3                | 8.6  | ---- | 33.3    | 14.6 | ---- | 33.3     | 18.5 | ---- |
| Sepsis.....                                | 4                  | 0.0                 | 27.2 | ---- | 0.0     | 34.0 | ---- | 0.0      | 37.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 0.8  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.2  | ---- |
| Hip Replacement/Reconstruction.....        | 5                  | 20.0                | 4.9  | ---- | 20.0    | 8.6  | ---- | 20.0     | 11.0 | ---- |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 8                  | 0.0                 | 1.8  | ---- | 0.0     | 4.0  | ---- | 0.0      | 6.6  | ---- |
| Cholecystectomy.....                       | 4                  | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 1.8  | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.5  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LINCOLN WEST HOSPITAL

Medicare Provider Number: 140192

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 69.8 years

Proportion female..... 50.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 34.7 %

Transferred from skilled nursing facility..... 4.6 %

Admitted for elective procedure..... 11.2 %

Admitted for emergency..... 27.4 %

### COMORBIDITIES:

Cancer..... 4.6 %

Chronic cardiovascular disease..... 29.3 %

Chronic liver disease..... 1.2 %

Chronic renal disease..... 1.5 %

Chronic pulmonary disease..... 15.1 %

Cerebrovascular degeneration..... 22.0 %

Diabetes mellitus..... 6.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 98.2%

State ..... 1.0%

Outside State ..... 0.8%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.2 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 74

Occupancy Rate ..... 58.0 %

Ownership/Control..... Private, For Profit

Medicare Discharges ..... 34.2 %

Case Mix Index (CMI) ..... 1.0859

### STAFFING:

Total Number of Physicians..... 59

Percent of Physicians Board  
Certified Specialists..... 86.4 %

Medical Residents/Interns ..... 2

Registered Nurses..... 55

Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... No

Hospice Care ..... No

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric ..... Yes

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LITTLE COMPANY OF MARY HOSPITAL

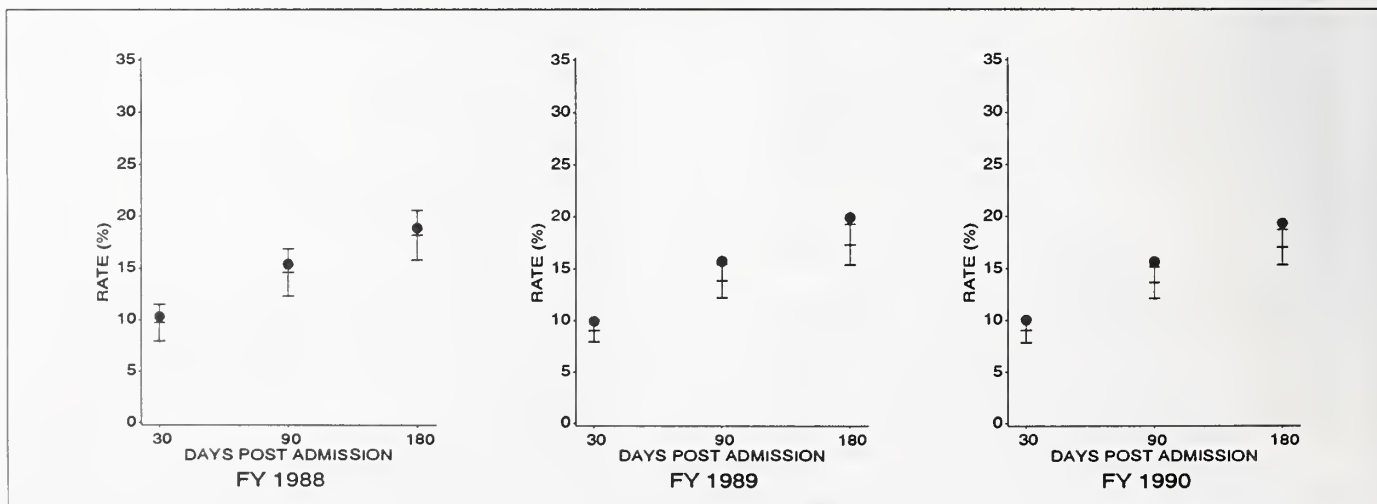
2800 W 95TH ST  
EVERGREEN PARK, IL 60642  
Medicare Provider Number: 140179

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3635               | 10.0                | 9.0  | 0.6  | 15.6    | 13.6 | 0.8  | 19.3     | 17.0 | 0.8  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 102                | 28.4                | 25.1 | 4.6  | 37.3    | 28.4 | 5.2  | 39.2     | 31.5 | 5.1  |
| Congestive Heart Failure.....              | 166                | 15.7                | 14.0 | 3.1  | 22.9    | 22.1 | 3.3  | 27.1     | 28.2 | 4.3  |
| Pneumonia/Influenza.....                   | 146                | 21.2                | 17.5 | 4.6  | 28.1    | 24.0 | 6.2  | 31.5     | 28.2 | 6.0  |
| Chronic Obstructive Pulmonary Disease..... | 42                 | 11.9                | 7.5  | ---- | 19.0    | 12.9 | ---- | 21.4     | 17.0 | ---- |
| Transient Cerebral Ischemia.....           | 55                 | 0.0                 | 1.6  | 2.1  | 0.0     | 3.7  | 4.0  | 5.5      | 6.2  | 4.7  |
| Stroke.....                                | 151                | 19.9                | 19.2 | 3.7  | 27.8    | 25.3 | 5.5  | 30.5     | 29.0 | 5.8  |
| Hip Fracture.....                          | 66                 | 3.0                 | 6.2  | 3.4  | 12.1    | 10.8 | 4.4  | 15.2     | 14.1 | 4.4  |
| Sepsis.....                                | 39                 | 30.8                | 28.5 | ---- | 51.3    | 37.5 | ---- | 61.5     | 42.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 17                 | 0.0                 | 2.8  | ---- | 5.9     | 5.8  | ---- | 11.8     | 8.5  | ---- |
| Carotid Endarterectomy.....                | 8                  | 0.0                 | 0.9  | ---- | 0.0     | 1.8  | ---- | 0.0      | 3.0  | ---- |
| Hip Replacement/Reconstruction.....        | 46                 | 4.3                 | 2.6  | ---- | 8.7     | 4.9  | ---- | 8.7      | 6.5  | ---- |
| Open Reduction of Hip Fracture.....        | 33                 | 3.0                 | 6.1  | ---- | 12.1    | 11.0 | ---- | 15.2     | 14.7 | ---- |
| Prostatectomy.....                         | 175                | 1.1                 | 0.7  | 0.7  | 2.3     | 1.8  | 1.3  | 4.0      | 3.1  | 2.2  |
| Cholecystectomy.....                       | 57                 | 3.5                 | 2.6  | 2.2  | 5.3     | 5.2  | 3.2  | 7.0      | 7.1  | 3.9  |
| Hysterectomy.....                          | 28                 | 3.6                 | 0.9  | ---- | 7.1     | 2.0  | ---- | 10.7     | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LITTLE COMPANY OF MARY HOSPITAL

Medicare Provider Number: 140179

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 58.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 23.7 %  
Admitted for emergency..... 58.5 %

### COMORBIDITIES:

Cancer..... 8.0 %  
Chronic cardiovascular disease..... 29.2 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 3.0 %  
Chronic pulmonary disease..... 11.8 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 8.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 96.9%  
State..... 1.3%  
Outside State..... 1.8%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.6 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 392  
Occupancy Rate..... 79.0 %  
Ownership/Control..... Church  
Medicare Discharges.....(Not Available)  
Case Mix Index (CMI)..... 1.2319

### STAFFING:

Total Number of Physicians..... 299  
Percent of Physicians Board  
Certified Specialists..... 79.3 %  
Medical Residents/Interns..... 10  
Registered Nurses..... 439  
Licensed Practical Nurses..... 38

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

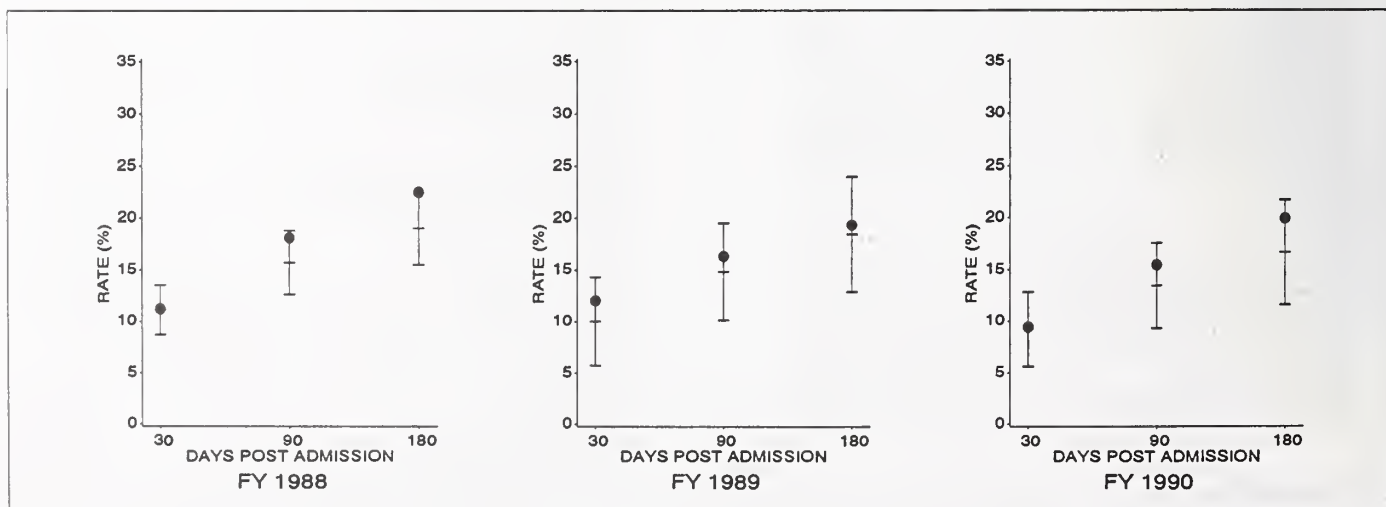
**LORETTO HOSPITAL**  
645 SOUTH CENTRAL AVE  
CHICAGO, IL 60644  
Medicare Provider Number: 140083

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 688             | 9.4                 | 9.2  | 1.8   | 15.4    | 13.4 | 2.1   | 19.9     | 16.6 | 2.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 25              | 24.0                | 29.1 | ----- | 28.0    | 33.3 | ----- | 36.0     | 36.4 | ----- |
| Congestive Heart Failure.....              | 43              | 11.6                | 11.8 | ----- | 18.6    | 19.1 | ----- | 23.3     | 24.9 | ----- |
| Pneumonia/Influenza.....                   | 18              | 22.2                | 13.8 | ----- | 27.8    | 18.3 | ----- | 27.8     | 21.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 18              | 5.6                 | 10.2 | ----- | 16.7    | 17.4 | ----- | 27.8     | 22.1 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 4.5                 | 2.4  | ----- | 4.5     | 5.4  | ----- | 4.5      | 8.7  | ----- |
| Stroke.....                                | 20              | 25.0                | 21.6 | ----- | 30.0    | 27.0 | ----- | 30.0     | 30.6 | ----- |
| Hip Fracture.....                          | 7               | 0.0                 | 7.0  | ----- | 14.3    | 12.2 | ----- | 28.6     | 15.6 | ----- |
| Sepsis.....                                | 5               | 40.0                | 16.7 | ----- | 60.0    | 25.9 | ----- | 60.0     | 31.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 5.4  | ----- | 0.0     | 9.9  | ----- | 0.0      | 14.0 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 8.5  | ----- | 25.0    | 14.6 | ----- | 25.0     | 18.1 | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 18              | 0.0                 | 1.1  | ----- | 11.1    | 2.5  | ----- | 11.1     | 4.3  | ----- |
| Cholecystectomy.....                       | 13              | 0.0                 | 1.7  | ----- | 0.0     | 3.3  | ----- | 7.7      | 4.8  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 3.1  | ----- | 0.0     | 7.1  | ----- | 0.0      | 10.7 | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



# LORETTO HOSPITAL

Medicare Provider Number: 140083

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 69.0 years  
Proportion female..... 54.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 31.8 %  
Admitted for emergency..... 66.7 %

### COMORBIDITIES:

Cancer..... 5.7 %  
Chronic cardiovascular disease..... 30.8 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 6.4 %  
Chronic pulmonary disease..... 10.5 %  
Cerebrovascular degeneration..... 10.0 %  
Diabetes mellitus..... 13.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 95.6 %  
State ..... 1.9 %  
Outside State ..... 2.5 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 11.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 212  
Occupancy Rate ..... 67.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.2616

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LOUIS A WEISS MEMORIAL HOSPITAL

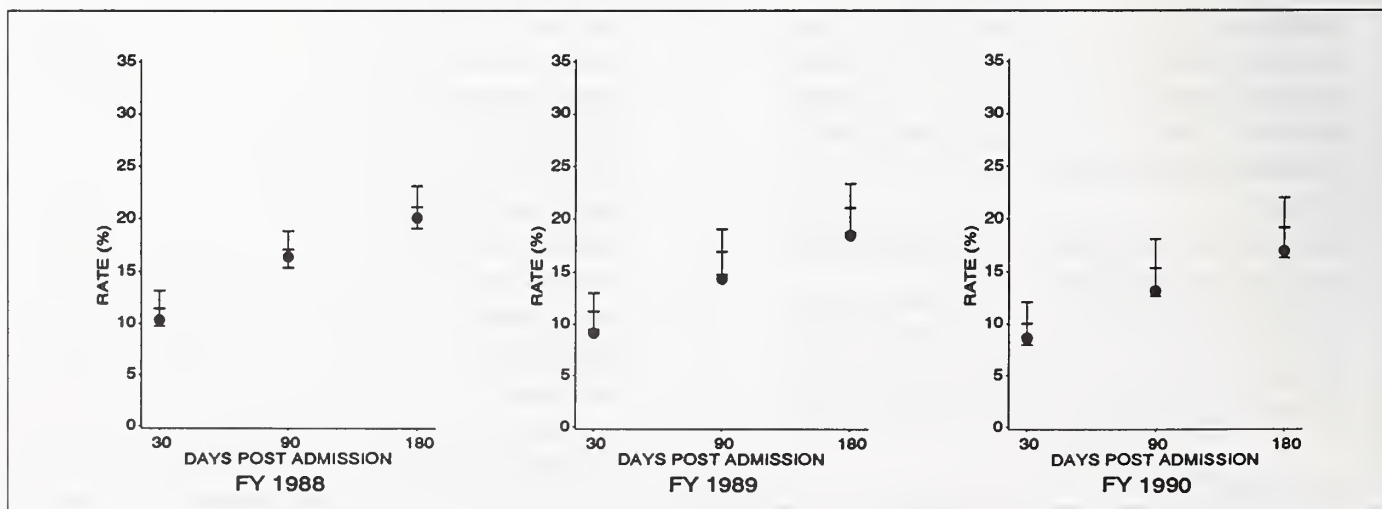
4646 N MARINE DRIVE  
CHICAGO, IL 60640  
Medicare Provider Number: 140082

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1971            | 8.6                 | 10.0 | 1.0   | 13.1    | 15.3 | 1.4   | 16.9     | 19.1 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 50              | 30.0                | 26.2 | ----- | 30.0    | 30.1 | ----- | 34.0     | 33.4 | ----- |
| Congestive Heart Failure.....              | 111             | 9.9                 | 15.1 | 4.2   | 19.8    | 23.9 | 4.6   | 24.3     | 30.4 | 5.3   |
| Pneumonia/Influenza.....                   | 88              | 10.2                | 17.4 | 6.5   | 17.0    | 23.1 | 6.6   | 22.7     | 26.8 | 5.5   |
| Chronic Obstructive Pulmonary Disease..... | 12              | 8.3                 | 8.2  | ----- | 8.3     | 14.3 | ----- | 8.3      | 18.7 | ----- |
| Transient Cerebral Ischemia.....           | 50              | 2.0                 | 2.1  | ----- | 2.0     | 4.7  | ----- | 2.0      | 7.8  | ----- |
| Stroke.....                                | 76              | 13.2                | 19.6 | 6.8   | 18.4    | 27.0 | 9.0   | 23.7     | 31.2 | 8.8   |
| Hip Fracture.....                          | 48              | 6.3                 | 6.8  | ----- | 12.5    | 12.0 | ----- | 16.7     | 15.7 | ----- |
| Sepsis.....                                | 36              | 25.0                | 21.3 | ----- | 27.8    | 28.7 | ----- | 36.1     | 33.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 7               | 0.0                 | 3.0  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.0  | ----- |
| Coronary Artery Bypass Graft.....          | 7               | 0.0                 | 5.5  | ----- | 0.0     | 7.0  | ----- | 0.0      | 7.8  | ----- |
| Initial Pacemaker Insertion.....           | 17              | 5.9                 | 3.2  | ----- | 5.9     | 6.5  | ----- | 5.9      | 9.5  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.9  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 36              | 5.6                 | 4.3  | ----- | 11.1    | 7.7  | ----- | 19.4     | 10.1 | ----- |
| Open Reduction of Hip Fracture.....        | 21              | 0.0                 | 5.9  | ----- | 4.8     | 10.9 | ----- | 4.8      | 14.8 | ----- |
| Prostatectomy.....                         | 43              | 0.0                 | 1.4  | ----- | 0.0     | 3.2  | ----- | 2.3      | 5.3  | ----- |
| Cholecystectomy.....                       | 19              | 5.3                 | 2.2  | ----- | 5.3     | 4.0  | ----- | 10.5     | 5.6  | ----- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) Is not calculated If the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LOUIS A WEISS MEMORIAL HOSPITAL

Medicare Provider Number: 140082

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.3 years  
Proportion female..... 64.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.4 %  
Transferred from skilled nursing facility..... 1.9 %  
Admitted for elective procedure..... 14.4 %  
Admitted for emergency..... 85.3 %

### COMORBIDITIES:

Cancer..... 7.4 %  
Chronic cardiovascular disease..... 42.2 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 14.9 %  
Cerebrovascular degeneration..... 5.4 %  
Diabetes mellitus..... 5.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 95.1%  
State..... 1.5%  
Outside State..... 3.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.5 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 387  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.2316

### STAFFING:

Medical Residents/Interns..... 8  
Registered Nurses..... 213  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LUTHERAN GENERAL HOSPITAL

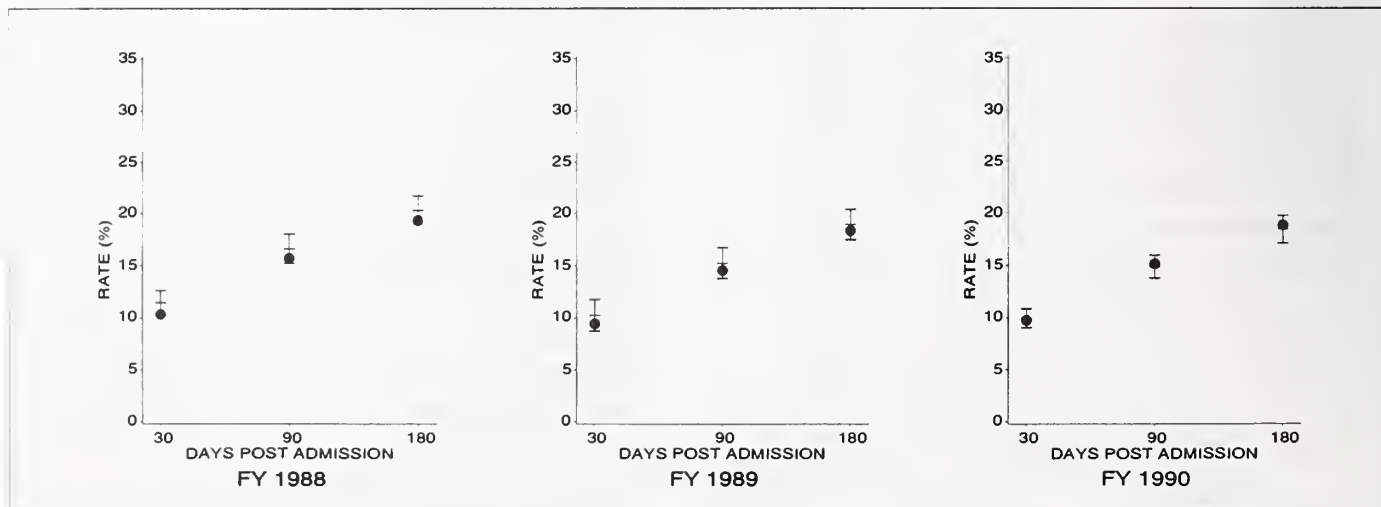
1775 DEMPSTER STREET  
PARK RIDGE, IL 60068  
Medicare Provider Number: 140223

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4556            | 9.7                 | 9.9  | 0.5   | 15.1    | 14.8 | 0.6   | 18.8     | 18.4 | 0.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 125             | 26.4                | 26.0 | 4.3   | 31.2    | 29.4 | 4.9   | 33.6     | 32.1 | 4.5   |
| Congestive Heart Failure.....              | 213             | 12.7                | 14.6 | 3.0   | 21.6    | 22.8 | 4.3   | 28.2     | 29.0 | 3.4   |
| Pneumonia/Influenza.....                   | 240             | 17.9                | 17.7 | 3.4   | 24.6    | 24.2 | 3.6   | 30.4     | 28.5 | 3.5   |
| Chronic Obstructive Pulmonary Disease..... | 28              | 10.7                | 8.5  | ----- | 17.9    | 14.5 | ----- | 25.0     | 19.2 | ----- |
| Transient Cerebral Ischemia.....           | 58              | 1.7                 | 1.8  | 1.8   | 5.2     | 4.0  | 3.0   | 6.9      | 6.5  | 3.3   |
| Stroke.....                                | 157             | 19.7                | 21.5 | 3.7   | 26.1    | 27.4 | 4.0   | 29.9     | 31.0 | 4.2   |
| Hip Fracture.....                          | 109             | 7.3                 | 6.9  | 2.7   | 12.8    | 11.9 | 3.2   | 19.3     | 15.3 | 4.2   |
| Sepsis.....                                | 100             | 29.0                | 28.3 | 7.0   | 41.0    | 38.1 | 8.0   | 50.0     | 43.3 | 8.8   |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 103             | 1.9                 | 3.3  | 2.1   | 5.8     | 4.2  | 2.5   | 6.8      | 5.1  | 2.6   |
| Coronary Artery Bypass Graft.....          | 113             | 10.6                | 6.7  | 4.0   | 12.4    | 9.7  | 4.4   | 14.2     | 11.0 | 5.1   |
| Initial Pacemaker Insertion.....           | 12              | 0.0                 | 1.9  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.8  | ----- |
| Carotid Endarterectomy.....                | 24              | 0.0                 | 1.4  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 86              | 0.0                 | 2.7  | 3.1   | 0.0     | 4.9  | 5.1   | 1.2      | 6.6  | 5.4   |
| Open Reduction of Hip Fracture.....        | 38              | 10.5                | 6.6  | ----- | 18.4    | 11.7 | ----- | 21.1     | 15.0 | ----- |
| Prostatectomy.....                         | 150             | 1.3                 | 1.3  | 1.2   | 3.3     | 3.1  | 1.9   | 4.0      | 5.1  | 2.2   |
| Cholecystectomy.....                       | 102             | 1.0                 | 2.6  | 1.9   | 4.9     | 4.9  | 2.7   | 4.9      | 6.8  | 3.0   |
| Hysterectomy.....                          | 44              | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LUTHERAN GENERAL HOSPITAL

Medicare Provider Number: 140223

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 55.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.5 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 22.4 %  
Admitted for emergency..... 62.7 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 37.8 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 9.8 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.6%  
State ..... 5.5%  
Outside State ..... 2.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 650  
Occupancy Rate ..... 74.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.4447

### STAFFING:

Total Number of Physicians..... 532  
Percent of Physicians Board  
Certified Specialists ..... 87.6 %  
Medical Residents/Interns ..... 123  
Registered Nurses..... 636  
Licensed Practical Nurses ..... 16

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... Yes  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LUTHERAN GENERAL HOSPITAL-LINCOLN PARK

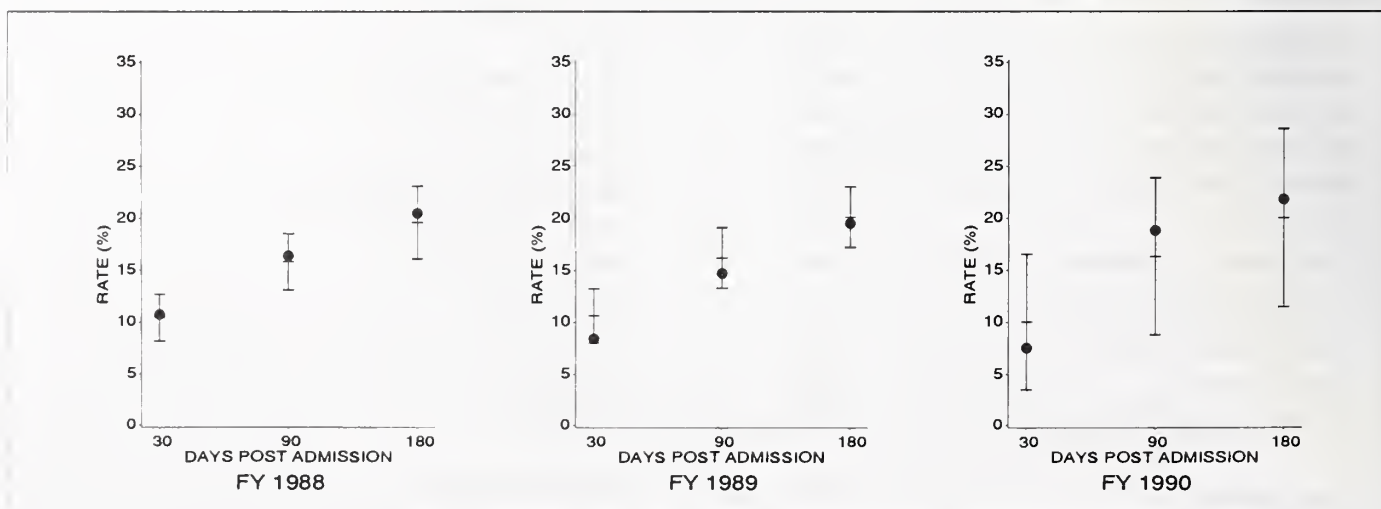
2035 N LINCOLN AVENUE  
CHICAGO, IL 60614  
Medicare Provider Number: 140017

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 133             | 7.5                 | 10.0 | 3.3  | 18.8    | 16.3 | 3.8  | 21.8     | 20.0 | 4.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 3               | 0.0                 | 30.6 | ---- | 33.3    | 32.8 | ---- | 33.3     | 34.6 | ---- |
| Congestive Heart Failure.....              | 6               | 16.7                | 16.2 | ---- | 33.3    | 29.4 | ---- | 50.0     | 36.6 | ---- |
| Pneumonia/Influenza.....                   | 3               | 0.0                 | 23.3 | ---- | 66.7    | 33.0 | ---- | 66.7     | 37.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 0.0                 | 3.6  | ---- | 0.0     | 7.5  | ---- | 0.0      | 10.5 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 2.8  | ---- | 0.0     | 5.7  | ---- | 33.3     | 8.5  | ---- |
| Stroke.....                                | 2               | 50.0                | 26.1 | ---- | 50.0    | 39.7 | ---- | 50.0     | 44.7 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 12.7 | ---- | 0.0     | 23.3 | ---- | 0.0      | 29.1 | ---- |
| Sepsis.....                                | 2               | 50.0                | 37.8 | ---- | 100.0   | 55.7 | ---- | 100.0    | 61.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 7               | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.1  | ---- |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 0.7  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LUTHERAN GENERAL HOSPITAL-LINCOLN PARK

Medicare Provider Number: 140017

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.1 years |
| Proportion female.....        | 52.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 58.6 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 15.8 % |
| Admitted for emergency.....                    | 45.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.5 %  |
| Chronic cardiovascular disease..... | 44.4 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 17.3 % |
| Cerebrovascular degeneration.....   | 2.3 %  |
| Diabetes mellitus.....              | 6.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 94.5%  |
| State .....         | 2.5%   |
| Outside State ..... | 3.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 11.6 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1986

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 330    |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.1342 |

### STAFFING:

|                                 |     |
|---------------------------------|-----|
| Medical Residents/Interns ..... | 35  |
| Registered Nurses.....          | 134 |
| Licensed Practical Nurses ..... | 9   |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | No  |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MAC NEAL MEMORIAL HOSPITAL

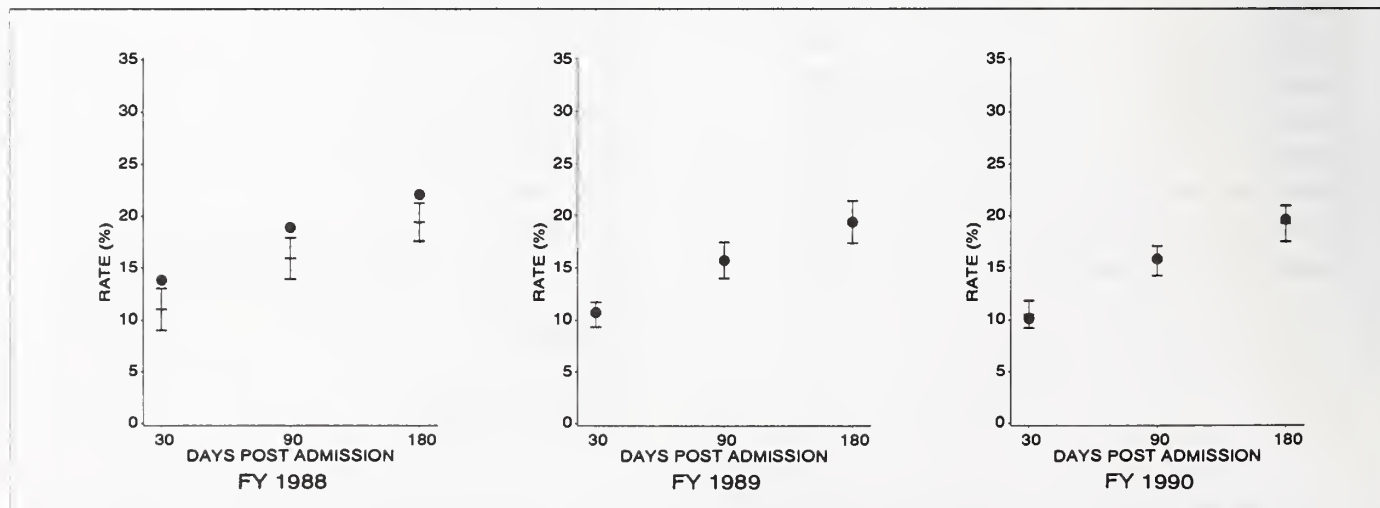
3231 SOUTH EUCLID AVENUE  
BERWYN, IL 60402  
Medicare Provider Number: 140054

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3339               | 10.1                | 10.5 | 0.7  | 15.8    | 15.6 | 0.7  | 19.6     | 19.2 | 0.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 155                | 21.9                | 28.3 | 5.0  | 29.7    | 31.6 | 3.9  | 33.5     | 34.5 | 3.9  |
| Congestive Heart Failure.....              | 186                | 9.1                 | 13.5 | 3.7  | 15.1    | 21.4 | 5.0  | 22.6     | 27.3 | 4.7  |
| Pneumonia/Influenza.....                   | 163                | 17.2                | 18.8 | 3.3  | 27.6    | 25.4 | 4.0  | 30.1     | 29.7 | 4.1  |
| Chronic Obstructive Pulmonary Disease..... | 21                 | 9.5                 | 10.7 | ---- | 19.0    | 18.5 | ---- | 19.0     | 24.3 | ---- |
| Transient Cerebral Ischemia.....           | 48                 | 0.0                 | 1.8  | ---- | 0.0     | 4.0  | ---- | 4.2      | 6.5  | ---- |
| Stroke.....                                | 160                | 16.9                | 20.0 | 3.5  | 20.6    | 26.2 | 4.4  | 24.4     | 29.9 | 4.5  |
| Hip Fracture.....                          | 106                | 5.7                 | 7.7  | 3.7  | 13.2    | 13.5 | 4.5  | 17.9     | 17.3 | 3.8  |
| Sepsis.....                                | 26                 | 34.6                | 29.8 | ---- | 38.5    | 37.3 | ---- | 38.5     | 41.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 30                 | 3.3                 | 5.5  | ---- | 10.0    | 9.6  | ---- | 10.0     | 13.0 | ---- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 1.8  | ---- | 0.0     | 3.1  | ---- | 0.0      | 4.4  | ---- |
| Hip Replacement/Reconstruction.....        | 76                 | 3.9                 | 5.0  | 2.8  | 10.5    | 9.3  | 3.7  | 15.8     | 12.3 | 5.3  |
| Open Reduction of Hip Fracture.....        | 47                 | 4.3                 | 7.6  | ---- | 10.6    | 13.4 | ---- | 17.0     | 17.2 | ---- |
| Prostatectomy.....                         | 148                | 0.0                 | 1.5  | 2.1  | 3.4     | 3.3  | 1.8  | 7.4      | 5.5  | 2.2  |
| Cholecystectomy.....                       | 71                 | 1.4                 | 2.5  | 2.0  | 2.8     | 4.4  | 2.9  | 7.0      | 5.8  | 3.0  |
| Hysterectomy.....                          | 28                 | 3.6                 | 0.8  | ---- | 3.6     | 1.8  | ---- | 3.6      | 2.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MAC NEAL MEMORIAL HOSPITAL

Medicare Provider Number: 140054

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.7 years  
Proportion female..... 58.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.0 %  
Transferred from skilled nursing facility..... 5.6 %  
Admitted for elective procedure..... 0.7 %  
Admitted for emergency..... 96.8 %

### COMORBIDITIES:

Cancer..... 8.0 %  
Chronic cardiovascular disease..... 39.5 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 14.1 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 7.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.5%  
State ..... 2.2%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 427  
Occupancy Rate ..... 53.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 38.4 %  
Case Mix Index (CMI) ..... 1.2771

### STAFFING:

Total Number of Physicians..... 213  
Percent of Physicians Board  
Certified Specialists..... 68.1 %  
Medical Residents/Interns ..... 56  
Registered Nurses..... 419  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARION MEMORIAL HOSPITAL

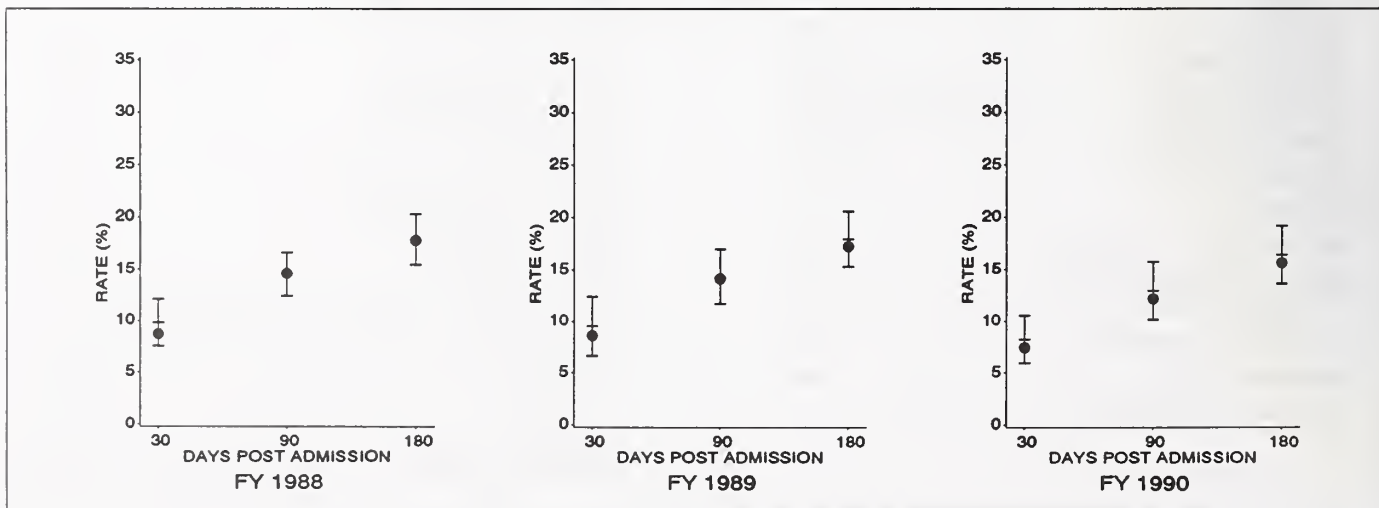
917 W MAIN  
MARION, IL 62959  
Medicare Provider Number: 140184

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1019            | 7.4                 | 8.2  | 1.2   | 12.1    | 12.9 | 1.4   | 15.5     | 16.3 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 25              | 20.0                | 21.6 | ----- | 24.0    | 25.1 | ----- | 28.0     | 27.6 | ----- |
| Congestive Heart Failure.....              | 67              | 13.4                | 15.0 | 5.7   | 19.4    | 23.3 | 6.7   | 23.9     | 29.3 | 7.3   |
| Pneumonia/Influenza.....                   | 52              | 7.7                 | 14.3 | 8.9   | 13.5    | 19.7 | 8.4   | 17.3     | 23.2 | 8.1   |
| Chronic Obstructive Pulmonary Disease..... | 18              | 5.6                 | 5.8  | ----- | 16.7    | 10.5 | ----- | 27.8     | 14.6 | ----- |
| Transient Cerebral Ischemia.....           | 24              | 0.0                 | 1.5  | ----- | 8.3     | 3.4  | ----- | 8.3      | 5.8  | ----- |
| Stroke.....                                | 29              | 10.3                | 15.5 | ----- | 20.7    | 20.2 | ----- | 24.1     | 23.7 | ----- |
| Hip Fracture.....                          | 34              | 5.9                 | 6.0  | ----- | 8.8     | 10.4 | ----- | 14.7     | 13.6 | ----- |
| Sepsis.....                                | 12              | 25.0                | 18.2 | ----- | 33.3    | 26.5 | ----- | 33.3     | 31.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 5.5  | ----- | 16.7    | 9.0  | ----- | 16.7     | 12.0 | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 2.4  | ----- | 0.0     | 4.3  | ----- | 0.0      | 6.0  | ----- |
| Hip Replacement/Reconstruction.....        | 34              | 0.0                 | 3.0  | ----- | 0.0     | 5.6  | ----- | 5.9      | 7.7  | ----- |
| Open Reduction of Hip Fracture.....        | 15              | 13.3                | 5.7  | ----- | 20.0    | 9.7  | ----- | 20.0     | 12.4 | ----- |
| Prostatectomy.....                         | 19              | 0.0                 | 0.8  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.0  | ----- |
| Cholecystectomy.....                       | 19              | 5.3                 | 2.2  | ----- | 10.5    | 3.9  | ----- | 10.5     | 5.1  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 1.8  | ----- | 0.0     | 3.4  | ----- | 0.0      | 4.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MARION MEMORIAL HOSPITAL

Medicare Provider Number: 140184

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 62.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 15.6 %  
Admitted for emergency..... 4.5 %

### COMORBIDITIES:

Cancer..... 7.9 %  
Chronic cardiovascular disease..... 38.6 %  
Chronic liver disease..... 0.3 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 17.0 %  
Cerebrovascular degeneration..... 5.4 %  
Diabetes mellitus..... 8.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 77.2%  
State ..... 21.0%  
Outside State ..... 1.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 93  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 50.6 %  
Case Mix Index (CMI) ..... 1.1240

### STAFFING:

Total Number of Physicians..... 35  
Percent of Physicians Board  
Certified Specialists ..... 77.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 76  
Licensed Practical Nurses ..... 41

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARSHALL BROWNING HOSPITAL

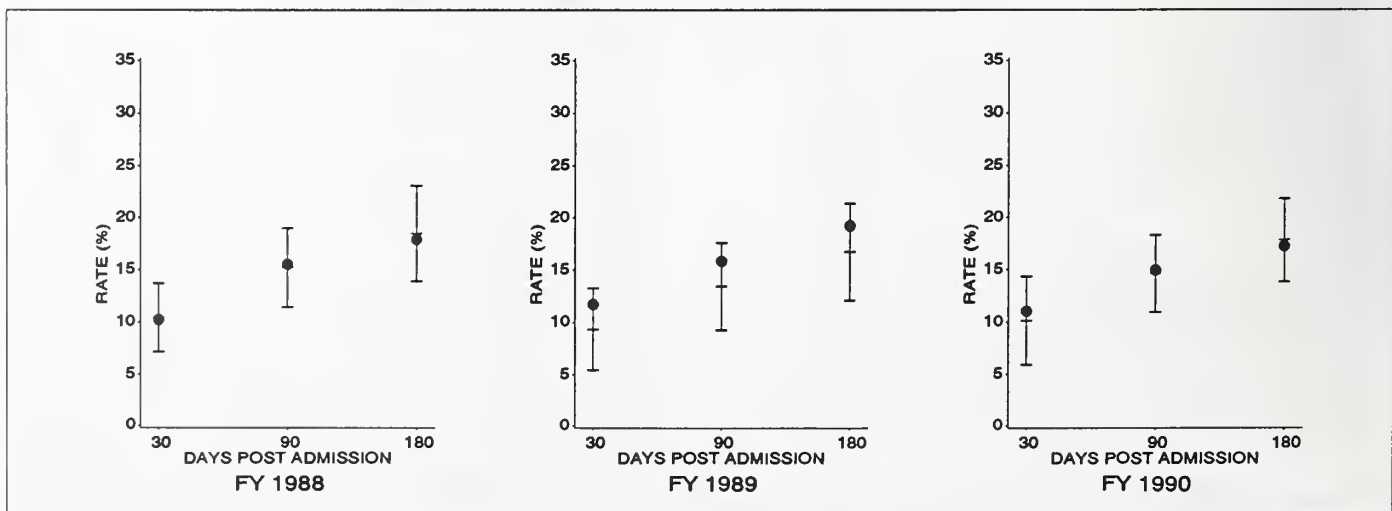
900 N WASHINGTON  
DU QUOIN, IL 62832  
Medicare Provider Number: 140037

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 390             | 11.0                | 10.1 | 2.1   | 14.9    | 14.6 | 1.9   | 17.2     | 17.8 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 15              | 46.7                | 28.5 | ----- | 46.7    | 31.7 | ----- | 53.3     | 34.6 | ----- |
| Congestive Heart Failure.....              | 34              | 32.4                | 14.2 | ----- | 38.2    | 22.3 | ----- | 38.2     | 28.0 | ----- |
| Pneumonia/Influenza.....                   | 35              | 8.6                 | 12.4 | ----- | 17.1    | 17.0 | ----- | 17.1     | 20.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 25.0                | 11.0 | ----- | 25.0    | 18.0 | ----- | 25.0     | 22.0 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 2.6  | ----- | 0.0     | 5.6  | ----- | 14.3     | 8.5  | ----- |
| Stroke.....                                | 17              | 11.8                | 28.9 | ----- | 17.6    | 36.4 | ----- | 23.5     | 40.3 | ----- |
| Hip Fracture.....                          | 4               | 25.0                | 7.1  | ----- | 25.0    | 12.2 | ----- | 25.0     | 15.6 | ----- |
| Sepsis.....                                | 5               | 40.0                | 36.8 | ----- | 60.0    | 47.2 | ----- | 60.0     | 52.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 3               | 33.3                | 7.0  | ----- | 33.3    | 12.1 | ----- | 33.3     | 15.4 | ----- |
| Prostatectomy.....                         | 26              | 3.8                 | 0.8  | ----- | 7.7     | 1.8  | ----- | 7.7      | 3.0  | ----- |
| Cholecystectomy.....                       | 7               | 0.0                 | 0.8  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.3  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MARSHALL BROWNING HOSPITAL

Medicare Provider Number: 140037

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.0 years  
Proportion female..... 63.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 58.5 %

### COMORBIDITIES:

Cancer..... 4.9 %  
Chronic cardiovascular disease..... 34.4 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 20.5 %  
Cerebrovascular degeneration..... 2.8 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 66.7%  
State ..... 32.2%  
Outside State ..... 1.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 33  
Occupancy Rate ..... 51.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 40.7 %  
Case Mix Index (CMI) ..... 0.9437

### STAFFING:

Total Number of Physicians..... 7  
Percent of Physicians Board  
Certified Specialists ..... 100.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 27  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARTHA WASHINGTON HOSPITAL

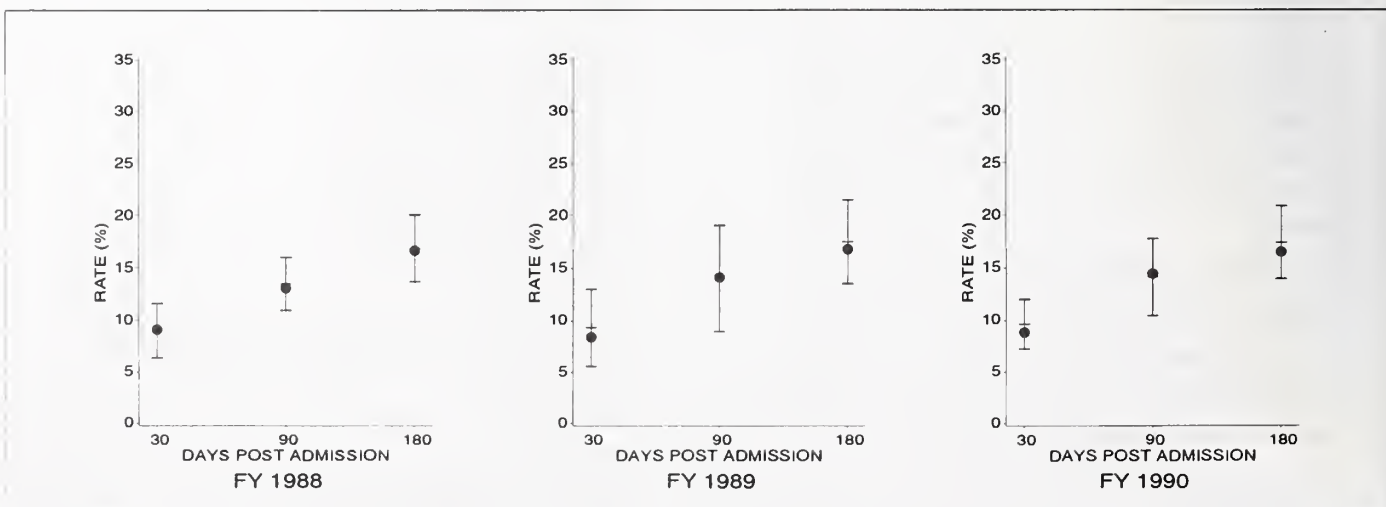
4055 N WESTERN AVE  
CHICAGO, IL 60618  
Medicare Provider Number: 140072

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 758                | 8.8                 | 9.6  | 1.2  | 14.4    | 14.1 | 1.8  | 16.5     | 17.4 | 1.8  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15                 | 33.3                | 31.4 | ---- | 46.7    | 34.6 | ---- | 53.3     | 37.5 | ---- |
| Congestive Heart Failure.....              | 49                 | 6.1                 | 13.4 | ---- | 10.2    | 20.6 | ---- | 12.2     | 26.2 | ---- |
| Pneumonia/Influenza.....                   | 35                 | 8.6                 | 15.6 | ---- | 22.9    | 21.0 | ---- | 22.9     | 24.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 14                 | 14.3                | 9.0  | ---- | 21.4    | 14.9 | ---- | 21.4     | 19.0 | ---- |
| Transient Cerebral Ischemia.....           | 26                 | 0.0                 | 1.5  | ---- | 3.8     | 3.3  | ---- | 3.8      | 5.4  | ---- |
| Stroke.....                                | 21                 | 33.3                | 20.9 | ---- | 38.1    | 27.4 | ---- | 42.9     | 31.0 | ---- |
| Hip Fracture.....                          | 14                 | 14.3                | 7.5  | ---- | 21.4    | 12.3 | ---- | 21.4     | 15.5 | ---- |
| Sepsis.....                                | 12                 | 58.3                | 25.9 | ---- | 66.7    | 32.4 | ---- | 66.7     | 36.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3                  | 0.0                 | 3.0  | ---- | 0.0     | 6.4  | ---- | 0.0      | 9.2  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 9                  | 0.0                 | 4.2  | ---- | 11.1    | 7.2  | ---- | 11.1     | 9.3  | ---- |
| Open Reduction of Hip Fracture.....        | 2                  | 0.0                 | 8.1  | ---- | 0.0     | 12.8 | ---- | 0.0      | 16.4 | ---- |
| Prostatectomy.....                         | 16                 | 0.0                 | 1.2  | ---- | 0.0     | 2.9  | ---- | 0.0      | 5.0  | ---- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 4.7  | ---- | 16.7    | 7.8  | ---- | 25.0     | 9.8  | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 10.6 | ---- | 0.0     | 20.5 | ---- | 0.0      | 26.4 | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MARTHA WASHINGTON HOSPITAL

Medicare Provider Number: 140072

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.8 years  
Proportion female..... 56.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.7 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 23.1 %  
Admitted for emergency..... 62.8 %

### COMORBIDITIES:

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 33.0 %  
Chronic liver disease..... 2.1 %  
Chronic renal disease..... 2.8 %  
Chronic pulmonary disease..... 13.2 %  
Cerebrovascular degeneration..... 5.0 %  
Diabetes mellitus..... 5.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 96.4%  
State ..... 1.4%  
Outside State ..... 2.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 210  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.0785

### STAFFING:

Medical Residents/Interns ..... 15  
Registered Nurses..... 65  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MASON DISTRICT HOSPITAL

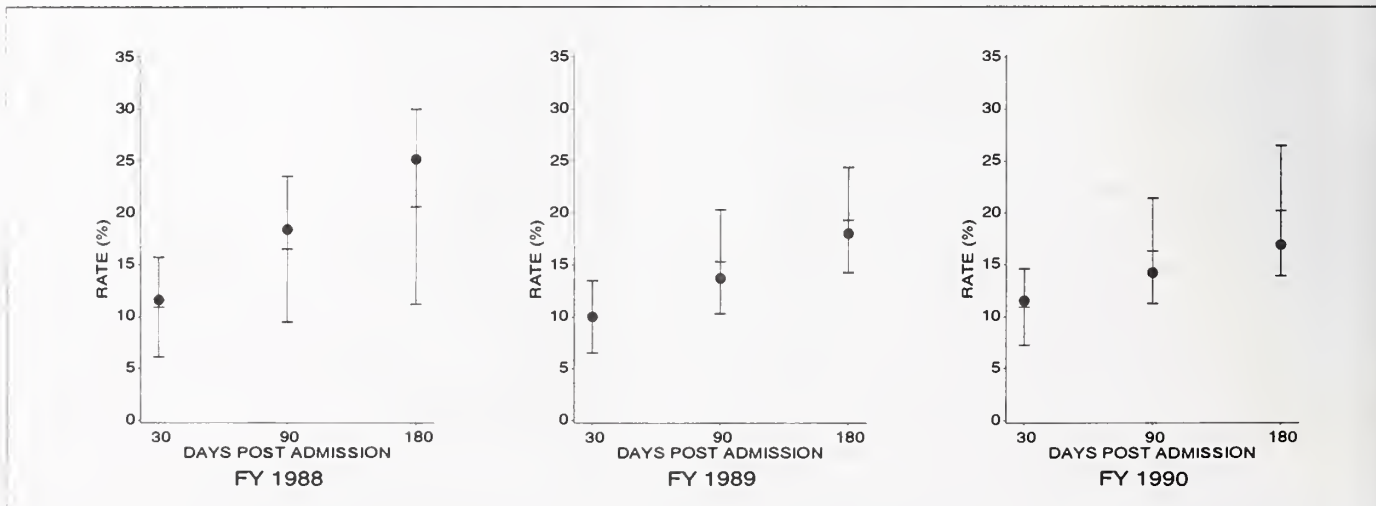
520 EAST FRANKLIN STREET  
HAVANA, IL 62644  
Medicare Provider Number: 140112

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 296             | 11.5                | 10.9 | 1.8  | 14.2    | 16.3 | 2.5  | 16.9     | 20.2 | 3.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 7               | 28.6                | 28.8 | ---- | 28.6    | 30.9 | ---- | 28.6     | 33.4 | ---- |
| Congestive Heart Failure.....              | 34              | 20.6                | 15.9 | ---- | 20.6    | 24.1 | ---- | 20.6     | 29.9 | ---- |
| Pneumonia/Influenza.....                   | 21              | 23.8                | 20.4 | ---- | 28.6    | 27.6 | ---- | 38.1     | 32.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 12              | 0.0                 | 9.2  | ---- | 0.0     | 16.0 | ---- | 0.0      | 21.5 | ---- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 1.7  | ---- | 12.5    | 3.8  | ---- | 12.5     | 6.2  | ---- |
| Stroke.....                                | 15              | 6.7                 | 18.2 | ---- | 13.3    | 25.7 | ---- | 26.7     | 29.9 | ---- |
| Hip Fracture.....                          | 8               | 12.5                | 7.6  | ---- | 12.5    | 13.4 | ---- | 12.5     | 17.3 | ---- |
| Sepsis.....                                | 4               | 75.0                | 25.8 | ---- | 75.0    | 35.0 | ---- | 75.0     | 39.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 100.0               | 35.8 | ---- | 100.0   | 48.5 | ---- | 100.0    | 54.3 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 8.8  | ---- | 0.0     | 16.5 | ---- | 0.0      | 22.0 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 5               | 0.0                 | 2.2  | ---- | 20.0    | 5.4  | ---- | 20.0     | 9.2  | ---- |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.6  | ---- | 0.0     | 2.7  | ---- | 0.0      | 3.5  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MASON DISTRICT HOSPITAL

Medicare Provider Number: 140112

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.4 years  
Proportion female..... 61.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.9 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 4.4 %  
Admitted for emergency..... 41.9 %

### COMORBIDITIES:

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 52.4 %  
Chronic liver disease..... 0.3 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 17.2 %  
Cerebrovascular degeneration..... 5.7 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 78.8%  
State ..... 20.4%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 36  
Occupancy Rate ..... 38.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 70.6 %  
Case Mix Index (CMI) ..... 1.0835

### STAFFING:

Total Number of Physicians..... 25  
Percent of Physicians Board  
Certified Specialists ..... 68.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 26  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MASSAC MEMORIAL HOSPITAL

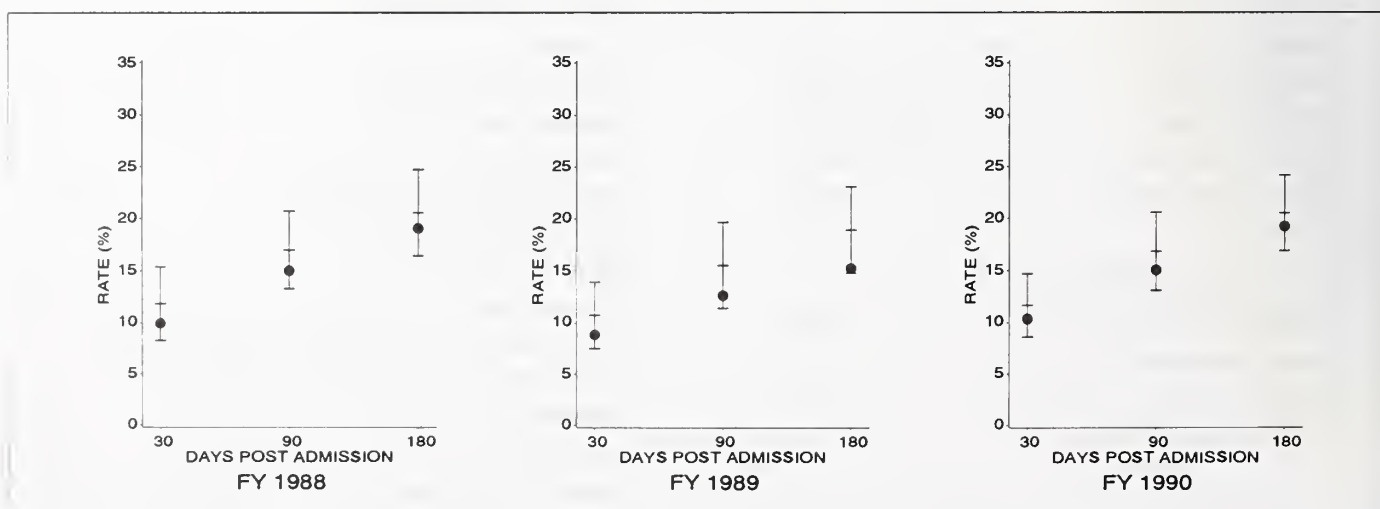
MEMORIAL HEIGHTS  
METROPOLIS, IL 62960  
Medicare Provider Number: 140042

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 613                | 10.3                | 11.6 | 1.5   | 15.0    | 16.8 | 1.9   | 19.2     | 20.5 | 1.8   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21                 | 23.8                | 36.3 | ----- | 23.8    | 38.9 | ----- | 23.8     | 42.1 | ----- |
| Congestive Heart Failure.....              | 38                 | 15.8                | 14.3 | ----- | 31.6    | 22.6 | ----- | 39.5     | 29.0 | ----- |
| Pneumonia/Influenza.....                   | 39                 | 15.4                | 13.9 | ----- | 20.5    | 19.3 | ----- | 25.6     | 22.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 12                 | 0.0                 | 5.5  | ----- | 0.0     | 10.0 | ----- | 0.0      | 13.8 | ----- |
| Transient Cerebral Ischemia.....           | 13                 | 0.0                 | 2.3  | ----- | 0.0     | 5.1  | ----- | 0.0      | 8.2  | ----- |
| Stroke.....                                | 21                 | 33.3                | 20.4 | ----- | 38.1    | 27.5 | ----- | 38.1     | 31.8 | ----- |
| Hip Fracture.....                          | 3                  | 33.3                | 10.3 | ----- | 33.3    | 16.0 | ----- | 33.3     | 19.0 | ----- |
| Sepsis.....                                | 4                  | 0.0                 | 15.6 | ----- | 0.0     | 21.5 | ----- | 0.0      | 25.9 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 3                  | 33.3                | 8.2  | ----- | 33.3    | 13.5 | ----- | 33.3     | 16.5 | ----- |
| Prostatectomy.....                         | 14                 | 7.1                 | 1.1  | ----- | 14.3    | 2.6  | ----- | 14.3     | 4.4  | ----- |
| Cholecystectomy.....                       | 14                 | 0.0                 | 1.4  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.0  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 1.0  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MASSAC MEMORIAL HOSPITAL

Medicare Provider Number: 140042

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.9 years  
Proportion female..... 62.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 21.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 6.2 %  
Admitted for emergency..... 32.8 %

### COMORBIDITIES:

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 39.6 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 0.8 %  
Chronic pulmonary disease..... 17.5 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 8.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 64.4%  
State ..... 31.4%  
Outside State ..... 4.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 57  
Occupancy Rate ..... 56.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 51.7 %  
Case Mix Index (CMI) ..... 1.0621

### STAFFING:

Total Number of Physicians..... 5  
Percent of Physicians Board  
Certified Specialists..... 40.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 27  
Licensed Practical Nurses ..... 18

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MC DONOUGH DISTRICT HOSPITAL

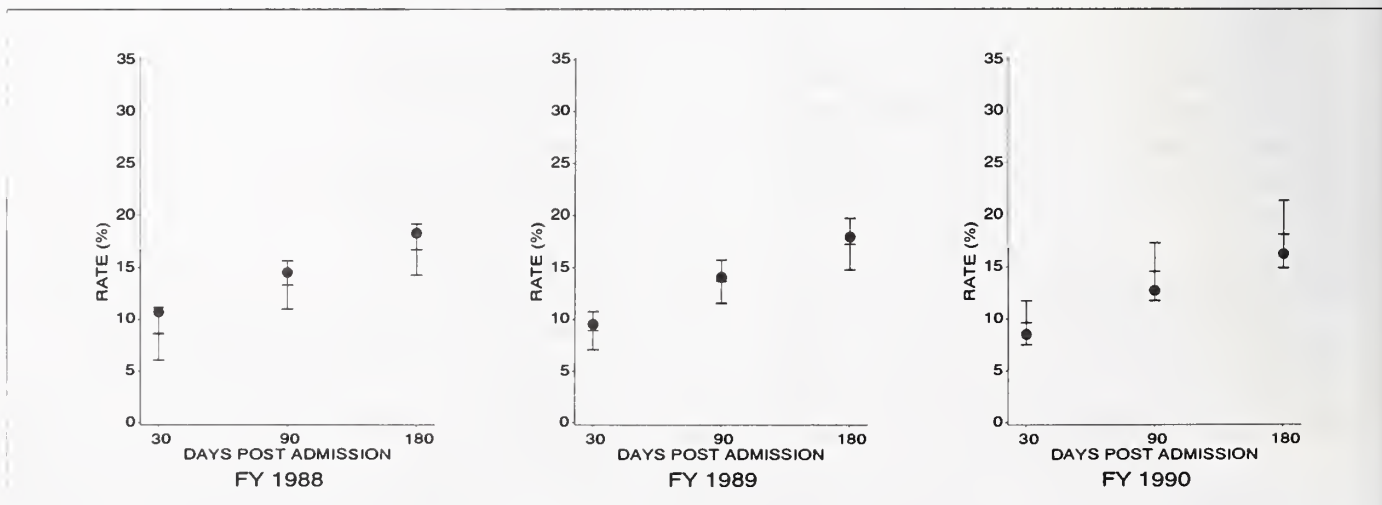
525 EAST GRANT STREET  
MACOMB, IL 61455  
Medicare Provider Number: 140089

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1288            | 8.5                 | 9.6  | 1.1   | 12.7    | 14.5 | 1.4   | 16.2     | 18.1 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 32              | 31.3                | 25.7 | ----- | 31.3    | 29.6 | ----- | 40.6     | 32.4 | ----- |
| Congestive Heart Failure.....              | 65              | 9.2                 | 14.6 | 6.0   | 18.5    | 22.7 | 6.6   | 23.1     | 29.0 | 7.8   |
| Pneumonia/Influenza.....                   | 87              | 13.8                | 16.6 | 4.7   | 18.4    | 22.8 | 5.3   | 19.5     | 27.1 | 6.1   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 0.0                 | 6.1  | ----- | 3.7     | 11.0 | ----- | 3.7      | 15.1 | ----- |
| Transient Cerebral Ischemia.....           | 38              | 0.0                 | 1.6  | ----- | 0.0     | 3.7  | ----- | 0.0      | 6.1  | ----- |
| Stroke.....                                | 44              | 22.7                | 21.1 | ----- | 27.3    | 27.7 | ----- | 29.5     | 31.6 | ----- |
| Hip Fracture.....                          | 32              | 6.3                 | 6.4  | ----- | 12.5    | 11.3 | ----- | 12.5     | 14.8 | ----- |
| Sepsis.....                                | 28              | 25.0                | 24.5 | ----- | 32.1    | 32.4 | ----- | 35.7     | 37.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 16.7                | 4.0  | ----- | 16.7    | 7.8  | ----- | 16.7     | 11.0 | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 1.3  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.7  | ----- |
| Hip Replacement/Reconstruction.....        | 37              | 5.4                 | 2.5  | ----- | 5.4     | 4.6  | ----- | 5.4      | 6.3  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 0.0                 | 6.1  | ----- | 6.3     | 10.9 | ----- | 6.3      | 14.5 | ----- |
| Prostatectomy.....                         | 43              | 2.3                 | 1.5  | ----- | 4.7     | 3.7  | ----- | 7.0      | 6.3  | ----- |
| Cholecystectomy.....                       | 20              | 0.0                 | 3.0  | ----- | 5.0     | 5.1  | ----- | 5.0      | 6.4  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MC DONOUGH DISTRICT HOSPITAL

Medicare Provider Number: 140089

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.2 years  
Proportion female..... 61.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.4 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 0.7 %  
Admitted for emergency..... 56.5 %

### COMORBIDITIES:

Cancer..... 5.7 %  
Chronic cardiovascular disease..... 37.0 %  
Chronic liver disease..... 0.2 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 21.1 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 8.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 69.7%  
State ..... 28.8%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 155  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 42.2 %  
Case Mix Index (CMI) ..... 1.2227

### STAFFING:

Total Number of Physicians..... 38  
Percent of Physicians Board  
Certified Specialists ..... 76.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 105  
Licensed Practical Nurses ..... 38

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

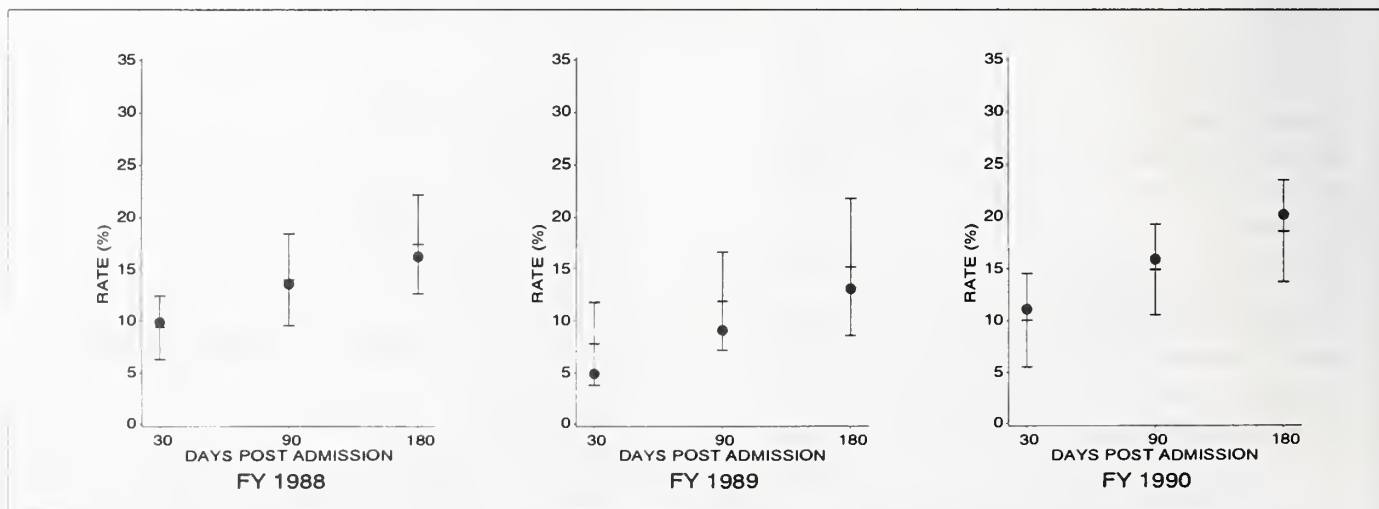
**MEMORIAL HOSPITAL**  
SOUTH ADAMS STREET  
CARTHAGE, IL 62321  
Medicare Provider Number: 140081

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 371                | 11.1                | 10.0 | 2.3  | 15.9    | 14.9 | 2.2  | 20.2     | 18.6 | 2.5  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 10                 | 10.0                | 25.9 | ---- | 10.0    | 28.6 | ---- | 30.0     | 31.8 | ---- |
| Congestive Heart Failure.....              | 18                 | 16.7                | 16.3 | ---- | 38.9    | 25.6 | ---- | 55.6     | 32.6 | ---- |
| Pneumonia/Influenza.....                   | 54                 | 13.0                | 14.6 | 7.5  | 14.8    | 19.7 | 8.7  | 16.7     | 23.4 | 10.2 |
| Chronic Obstructive Pulmonary Disease..... | 1                  | 0.0                 | 2.0  | ---- | 0.0     | 4.3  | ---- | 0.0      | 7.3  | ---- |
| Transient Cerebral Ischemia.....           | 5                  | 0.0                 | 1.2  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.3  | ---- |
| Stroke.....                                | 22                 | 13.6                | 20.5 | ---- | 13.6    | 26.5 | ---- | 22.7     | 30.0 | ---- |
| Hip Fracture.....                          | 15                 | 26.7                | 9.2  | ---- | 40.0    | 15.7 | ---- | 46.7     | 20.5 | ---- |
| Sepsis.....                                | 2                  | 0.0                 | 17.6 | ---- | 0.0     | 24.5 | ---- | 0.0      | 27.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2                  | 0.0                 | 1.8  | ---- | 0.0     | 3.2  | ---- | 0.0      | 4.9  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5                  | 40.0                | 8.9  | ---- | 60.0    | 15.6 | ---- | 60.0     | 20.2 | ---- |
| Open Reduction of Hip Fracture.....        | 1                  | 0.0                 | 6.6  | ---- | 0.0     | 15.5 | ---- | 0.0      | 23.4 | ---- |
| Prostatectomy.....                         | 5                  | 0.0                 | 0.6  | ---- | 0.0     | 1.3  | ---- | 20.0     | 2.4  | ---- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 1.6  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.1  | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# MEMORIAL HOSPITAL

Medicare Provider Number: 140081

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 61.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.1 %  
Transferred from skilled nursing facility..... 4.6 %  
Admitted for elective procedure..... 9.7 %  
Admitted for emergency..... 30.2 %

### COMORBIDITIES:

Cancer..... 8.4 %  
Chronic cardiovascular disease..... 38.0 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 18.9 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 5.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.0%  
State ..... 8.6%  
Outside State ..... 3.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 67  
Occupancy Rate ..... 28.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 33.2 %  
Case Mix Index (CMI) ..... 1.1100

### STAFFING:

Total Number of Physicians..... 6  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 28  
Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL

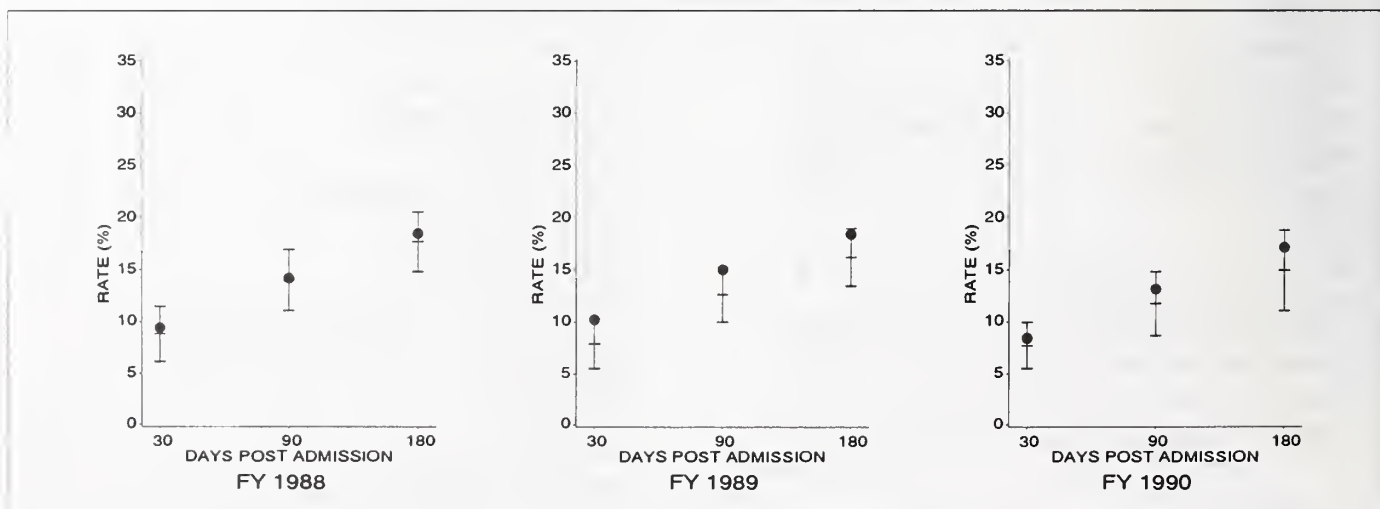
404 W MAIN  
CARBONDALE, IL 62901  
Medicare Provider Number: 140164

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1011            | 8.4                 | 7.7  | 1.1  | 13.1    | 11.7 | 1.5  | 17.1     | 14.9 | 1.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 42              | 31.0                | 24.4 | ---- | 38.1    | 27.3 | ---- | 38.1     | 30.1 | ---- |
| Congestive Heart Failure.....              | 32              | 15.6                | 10.7 | ---- | 18.8    | 17.1 | ---- | 31.3     | 22.5 | ---- |
| Pneumonia/Influenza.....                   | 34              | 17.6                | 13.7 | ---- | 20.6    | 19.6 | ---- | 23.5     | 24.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 24              | 4.2                 | 7.1  | ---- | 12.5    | 12.6 | ---- | 20.8     | 16.8 | ---- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 1.4  | ---- | 7.1     | 3.2  | ---- | 7.1      | 5.4  | ---- |
| Stroke.....                                | 24              | 16.7                | 15.6 | ---- | 20.8    | 20.8 | ---- | 20.8     | 24.6 | ---- |
| Hip Fracture.....                          | 33              | 3.0                 | 7.1  | ---- | 12.1    | 12.8 | ---- | 15.2     | 16.9 | ---- |
| Sepsis.....                                | 13              | 23.1                | 28.5 | ---- | 30.8    | 39.5 | ---- | 30.8     | 45.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 11              | 9.1                 | 6.8  | ---- | 18.2    | 11.5 | ---- | 18.2     | 14.6 | ---- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.3  | ---- | 0.0     | 2.4  | ---- | 20.0     | 3.6  | ---- |
| Hip Replacement/Reconstruction.....        | 18              | 0.0                 | 4.2  | ---- | 16.7    | 7.6  | ---- | 16.7     | 10.1 | ---- |
| Open Reduction of Hip Fracture.....        | 10              | 0.0                 | 5.7  | ---- | 0.0     | 10.6 | ---- | 0.0      | 14.5 | ---- |
| Prostatectomy.....                         | 40              | 0.0                 | 0.9  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.5  | ---- |
| Cholecystectomy.....                       | 20              | 0.0                 | 2.2  | ---- | 5.0     | 4.1  | ---- | 5.0      | 5.7  | ---- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MEMORIAL HOSPITAL

Medicare Provider Number: 140164

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 72.7 years | Cancer.....                         | 6.2 %  |
| Proportion female.....                         | 54.6 %     | Chronic cardiovascular disease..... | 29.6 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 0.3 %  |
| Referred by personal or HMO physician.....     | 90.4 %     | Chronic renal disease.....          | 6.4 %  |
| Transferred from skilled nursing facility..... | 7.3 %      | Chronic pulmonary disease.....      | 13.3 % |
| Admitted for elective procedure.....           | 0.8 %      | Cerebrovascular degeneration.....   | 3.0 %  |
| Admitted for emergency.....                    | 49.6 %     | Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City .....                            | 47.0%  | Hospital .....                          | 6.1 Days |
| State .....                                  | 52.0%  | State .....                             | 8.4 Days |
| Outside State .....                          | 1.0%   | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

## HOSPITAL CHARACTERISTICS\*

|                                                                    |                     |                                                 |     |
|--------------------------------------------------------------------|---------------------|-------------------------------------------------|-----|
| <b>SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990</b> |                     |                                                 |     |
| <b>PROFILE:</b>                                                    |                     | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 150                 | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 58.0 %              | Cardiac Intensive Care .....                    | No  |
| Ownership/Control.....                                             | Private, Non-Profit | Comprehensive Geriatric .....                   | No  |
| Medicare Discharges .....                                          | 27.0 %              | Hospice Care .....                              | No  |
| Case Mix Index (CMI) .....                                         | 1.2450              | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                     | Organ/Tissue Transplant .....                   | No  |
| Total Number of Physicians.....                                    | 80                  | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 75.0 %              | Trauma Center .....                             | Yes |
| Medical Residents/Interns .....                                    | 11                  | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 163                 | Alcohol/Drug .....                              | No  |
| Licensed Practical Nurses .....                                    | 55                  | Rehabilitation.....                             | No  |
|                                                                    |                     | Psychiatric .....                               | No  |
|                                                                    |                     | Medicare Swing Beds .....                       | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL

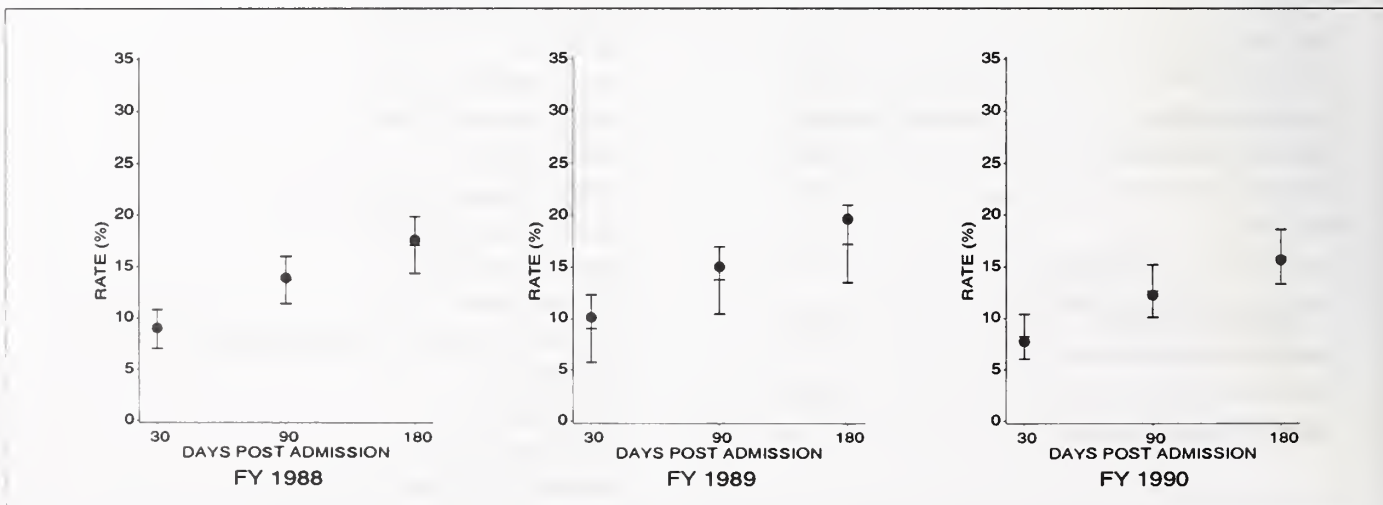
527 WEST SOUTH STREET  
WOODSTOCK, IL 60098  
Medicare Provider Number: 140176

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 810             | 7.7                 | 8.2  | 1.1  | 12.2    | 12.6 | 1.3  | 15.6     | 15.9 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15              | 20.0                | 22.8 | ---- | 20.0    | 26.1 | ---- | 20.0     | 28.5 | ---- |
| Congestive Heart Failure.....              | 34              | 11.8                | 18.3 | ---- | 26.5    | 27.4 | ---- | 38.2     | 33.8 | ---- |
| Pneumonia/Influenza.....                   | 37              | 13.5                | 14.9 | ---- | 16.2    | 20.0 | ---- | 18.9     | 23.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 8.5  | ---- | 14.3    | 14.1 | ---- | 21.4     | 18.1 | ---- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.8  | ---- | 5.3     | 4.1  | ---- | 5.3      | 6.8  | ---- |
| Stroke.....                                | 29              | 20.7                | 19.5 | ---- | 24.1    | 25.0 | ---- | 27.6     | 28.4 | ---- |
| Hip Fracture.....                          | 23              | 0.0                 | 5.1  | ---- | 4.3     | 9.1  | ---- | 4.3      | 11.9 | ---- |
| Sepsis.....                                | 9               | 11.1                | 21.8 | ---- | 11.1    | 27.8 | ---- | 22.2     | 32.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.6  | ---- | 0.0     | 3.3  | ---- | 25.0     | 5.1  | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.5  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |
| Hip Replacement/Reconstruction.....        | 16              | 0.0                 | 3.4  | ---- | 6.3     | 6.4  | ---- | 6.3      | 8.6  | ---- |
| Open Reduction of Hip Fracture.....        | 7               | 0.0                 | 5.0  | ---- | 0.0     | 8.4  | ---- | 0.0      | 11.1 | ---- |
| Prostatectomy.....                         | 27              | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 0.0      | 3.2  | ---- |
| Cholecystectomy.....                       | 15              | 6.7                 | 3.2  | ---- | 6.7     | 6.2  | ---- | 13.3     | 8.8  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 1.1  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MEMORIAL HOSPITAL

Medicare Provider Number: 140176

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.8 years |
| Proportion female.....        | 61.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 44.9 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.6 %  |
| Admitted for emergency.....                    | 0.9 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.8 %  |
| Chronic cardiovascular disease..... | 30.4 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 9.3 %  |
| Cerebrovascular degeneration.....   | 5.2 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.9%  |
| State .....         | 6.6%   |
| Outside State ..... | 4.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 127                 |
| Occupancy Rate .....       | 55.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 27.8 %              |
| Case Mix Index (CMI) ..... | 1.2021              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 74     |
| Percent of Physicians Board<br>Certified Specialists..... | 77.0 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 119    |
| Licensed Practical Nurses .....                           | 8      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL

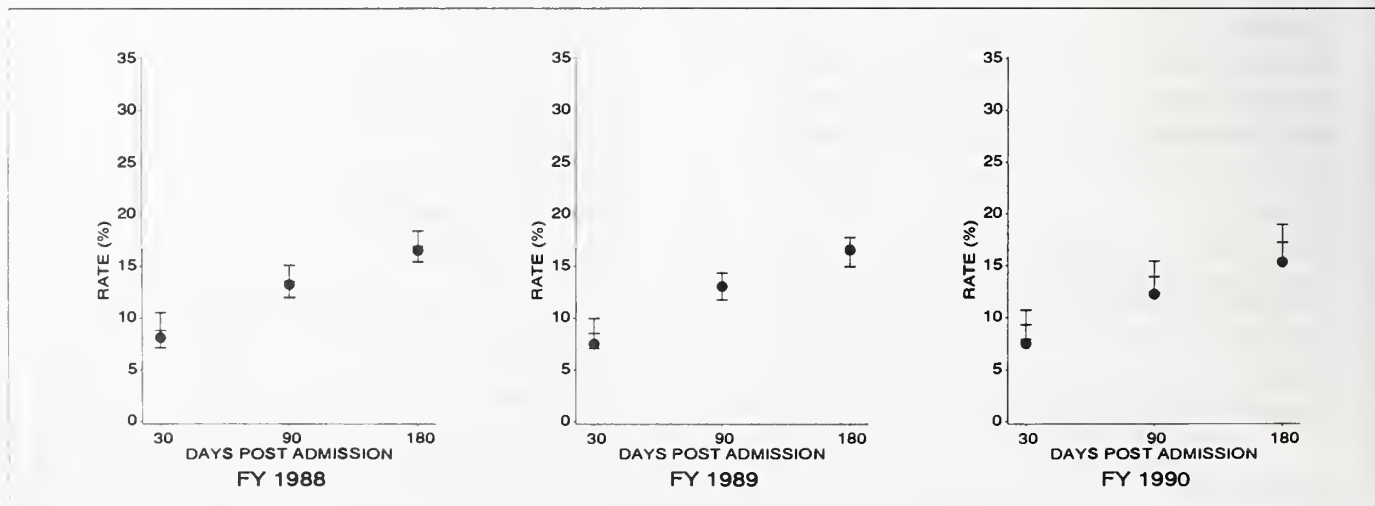
4501 N PARK DR  
BELLEVILLE, IL 62223  
Medicare Provider Number: 140185

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3077               | 7.5                 | 9.3  | 0.7  | 12.2    | 13.9 | 0.8  | 15.3     | 17.2 | 0.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 110                | 17.3                | 23.9 | 8.3  | 20.9    | 27.2 | 8.7  | 24.5     | 30.2 | 8.2  |
| Congestive Heart Failure.....              | 157                | 8.9                 | 13.9 | 3.9  | 17.2    | 22.1 | 4.4  | 22.9     | 28.4 | 4.9  |
| Pneumonia/Influenza.....                   | 114                | 12.3                | 13.7 | 3.4  | 19.3    | 18.9 | 4.2  | 24.6     | 22.3 | 4.6  |
| Chronic Obstructive Pulmonary Disease..... | 56                 | 3.6                 | 6.3  | 4.3  | 10.7    | 11.8 | 4.7  | 17.9     | 16.1 | 5.3  |
| Transient Cerebral Ischemia.....           | 30                 | 0.0                 | 1.9  | ---- | 0.0     | 4.5  | ---- | 3.3      | 7.5  | ---- |
| Stroke.....                                | 113                | 15.0                | 17.7 | 4.1  | 20.4    | 23.1 | 5.2  | 23.9     | 26.5 | 4.7  |
| Hip Fracture.....                          | 62                 | 3.2                 | 6.7  | 3.8  | 9.7     | 11.8 | 4.3  | 14.5     | 15.3 | 4.8  |
| Sepsis.....                                | 83                 | 20.5                | 27.1 | 6.5  | 30.1    | 33.4 | 5.8  | 36.1     | 38.0 | 5.7  |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 38                 | 0.0                 | 4.6  | ---- | 2.6     | 8.0  | ---- | 13.2     | 11.2 | ---- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 2.5  | ---- | 0.0     | 4.6  | ---- | 0.0      | 6.3  | ---- |
| Hip Replacement/Reconstruction.....        | 62                 | 1.6                 | 3.2  | 2.5  | 4.8     | 5.8  | 3.4  | 6.5      | 7.9  | 5.2  |
| Open Reduction of Hip Fracture.....        | 12                 | 0.0                 | 5.2  | ---- | 0.0     | 9.5  | ---- | 0.0      | 12.6 | ---- |
| Prostatectomy.....                         | 56                 | 0.0                 | 0.9  | 3.6  | 3.6     | 2.0  | 2.7  | 3.6      | 3.3  | 3.0  |
| Cholecystectomy.....                       | 50                 | 4.0                 | 3.3  | ---- | 4.0     | 6.3  | ---- | 4.0      | 8.6  | ---- |
| Hysterectomy.....                          | 18                 | 0.0                 | 0.4  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MEMORIAL HOSPITAL

Medicare Provider Number: 140185

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.9 years  
Proportion female..... 61.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 93.0 %  
Transferred from skilled nursing facility..... 2.3 %  
Admitted for elective procedure..... 14.8 %  
Admitted for emergency..... 81.1 %

### COMORBIDITIES:

Cancer..... 6.3 %  
Chronic cardiovascular disease..... 44.5 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 20.7 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 10.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 78.3%  
State ..... 19.1%  
Outside State ..... 2.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 444  
Occupancy Rate ..... 76.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.3461

### STAFFING:

Total Number of Physicians..... 190  
Percent of Physicians Board  
Certified Specialists..... 63.7 %  
Medical Residents/Interns ..... 6  
Registered Nurses..... 319  
Licensed Practical Nurses..... 23

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL

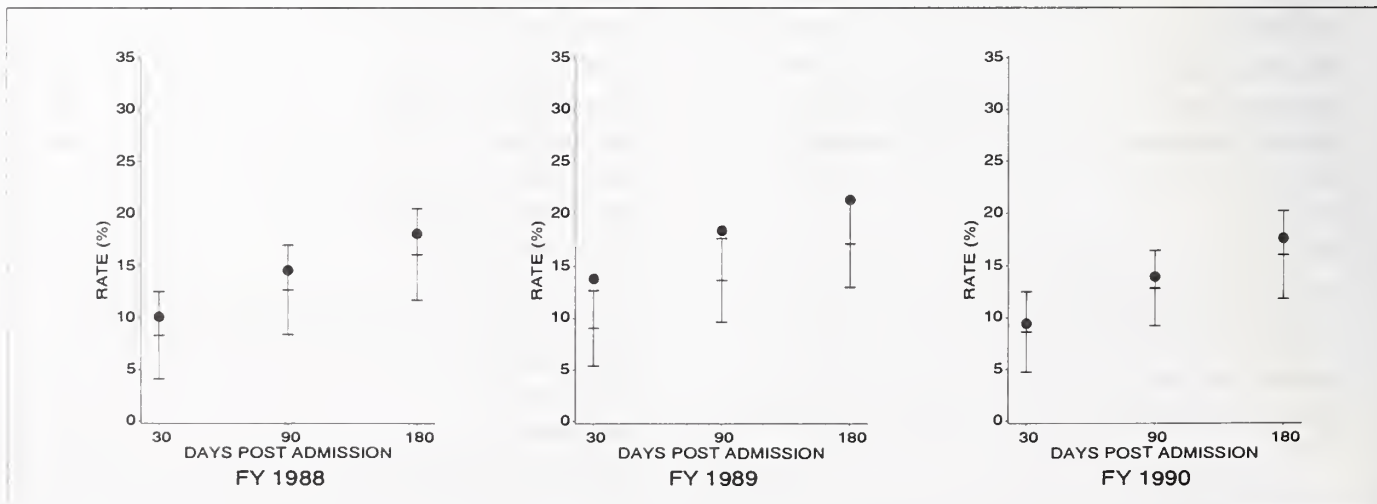
1900 STATE ST  
CHESTER, IL 62233  
Medicare Provider Number: 140245

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 490             | 9.4                 | 8.6  | 1.9  | 13.9    | 12.8 | 1.8  | 17.6     | 16.0 | 2.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 12              | 33.3                | 21.3 | ---- | 50.0    | 24.0 | ---- | 50.0     | 27.2 | ---- |
| Congestive Heart Failure.....              | 32              | 18.8                | 14.3 | ---- | 31.3    | 22.7 | ---- | 43.8     | 28.9 | ---- |
| Pneumonia/Influenza.....                   | 27              | 11.1                | 16.2 | ---- | 11.1    | 21.5 | ---- | 14.8     | 25.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 11.1                | 11.0 | ---- | 22.2    | 17.0 | ---- | 22.2     | 21.9 | ---- |
| Transient Cerebral Ischemia.....           | 11              | 18.2                | 1.5  | ---- | 18.2    | 3.5  | ---- | 18.2     | 6.0  | ---- |
| Stroke.....                                | 17              | 41.2                | 19.9 | ---- | 47.1    | 26.0 | ---- | 52.9     | 29.5 | ---- |
| Hip Fracture.....                          | 17              | 0.0                 | 4.5  | ---- | 0.0     | 8.3  | ---- | 0.0      | 11.3 | ---- |
| Sepsis.....                                | 5               | 60.0                | 28.4 | ---- | 60.0    | 34.4 | ---- | 60.0     | 38.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 2.4  | ---- | 0.0     | 4.8  | ---- | 0.0      | 7.3  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 3.9  | ---- | 0.0     | 7.2  | ---- | 0.0      | 10.0 | ---- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 4.5  | ---- | 0.0     | 8.7  | ---- | 0.0      | 11.8 | ---- |
| Prostatectomy.....                         | 19              | 0.0                 | 0.7  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.6  | ---- |
| Cholecystectomy.....                       | 5               | 0.0                 | 0.9  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.6  | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MEMORIAL HOSPITAL

Medicare Provider Number: 140245

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.1 years |
| Proportion female.....        | 55.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 47.3 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 47.3 % |
| Admitted for emergency.....                    | 51.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.9 %  |
| Chronic cardiovascular disease..... | 30.4 % |
| Chronic liver disease.....          | 0.2 %  |
| Chronic renal disease.....          | 2.9 %  |
| Chronic pulmonary disease.....      | 19.8 % |
| Cerebrovascular degeneration.....   | 5.1 %  |
| Diabetes mellitus.....              | 5.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 82.9%  |
| State .....         | 13.4%  |
| Outside State ..... | 3.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 76                 |
| Occupancy Rate .....       | 35.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 39.6 %             |
| Case Mix Index (CMI) ..... | 1.0350             |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 6      |
| Percent of Physicians Board<br>Certified Specialists..... | 83.3 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 24     |
| Licensed Practical Nurses .....                           | 10     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | No  |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other Intensive Care .....           | No  |
| Trauma Center .....                  | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL MEDICAL CENTER

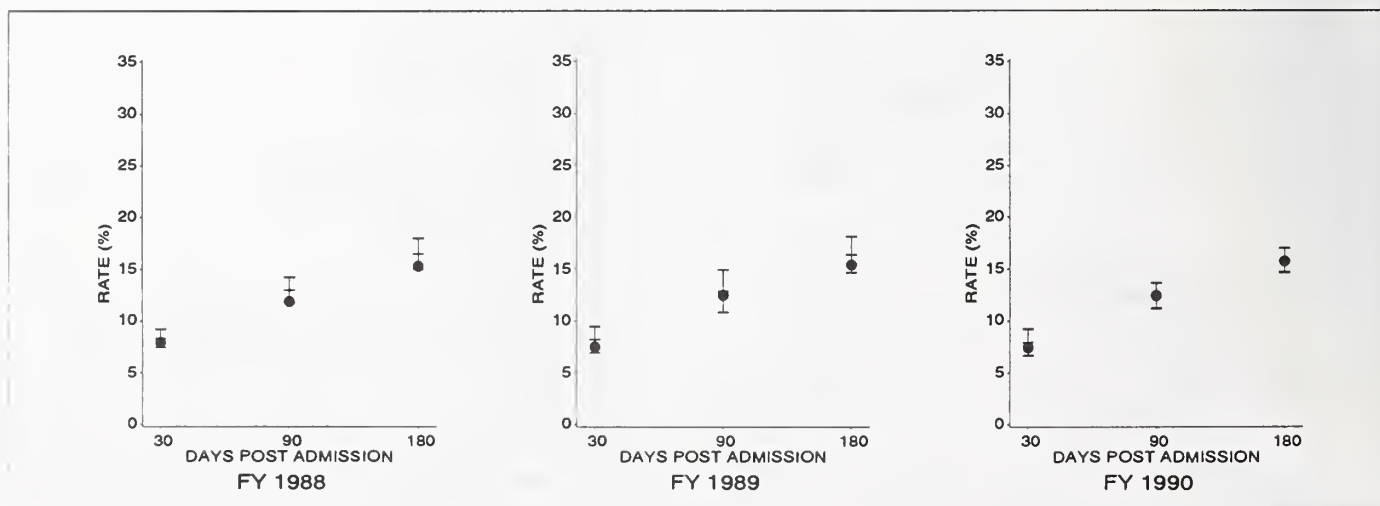
800 N RUTLEDGE  
SPRINGFIELD, IL 62781  
Medicare Provider Number: 140148

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 4164            | 7.4                 | 7.9  | 0.7  | 12.4    | 12.4 | 0.6  | 15.7     | 15.8 | 0.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 113             | 23.9                | 25.0 | 4.3  | 29.2    | 27.9 | 4.4  | 31.9     | 30.5 | 4.7  |
| Congestive Heart Failure.....              | 142             | 9.9                 | 14.1 | 4.5  | 17.6    | 22.3 | 4.4  | 23.9     | 28.7 | 4.6  |
| Pneumonia/Influenza.....                   | 152             | 14.5                | 15.0 | 2.9  | 20.4    | 20.7 | 5.1  | 27.0     | 24.5 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 61              | 11.5                | 8.7  | 4.8  | 18.0    | 15.2 | 5.3  | 24.6     | 20.3 | 7.5  |
| Transient Cerebral Ischemia.....           | 43              | 4.7                 | 1.6  | ---- | 9.3     | 3.8  | ---- | 9.3      | 6.4  | ---- |
| Stroke.....                                | 113             | 9.7                 | 18.9 | 5.6  | 15.9    | 24.1 | 5.6  | 17.7     | 27.5 | 6.1  |
| Hip Fracture.....                          | 78              | 6.4                 | 7.2  | 3.5  | 12.8    | 12.5 | 3.9  | 14.1     | 16.2 | 5.9  |
| Sepsis.....                                | 26              | 30.8                | 28.0 | ---- | 42.3    | 38.4 | ---- | 50.0     | 43.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 105             | 2.9                 | 3.0  | 1.7  | 3.8     | 4.0  | 2.0  | 3.8      | 4.9  | 2.7  |
| Coronary Artery Bypass Graft.....          | 111             | 4.5                 | 6.0  | 3.3  | 6.3     | 8.3  | 4.4  | 6.3      | 9.3  | 4.0  |
| Initial Pacemaker Insertion.....           | 45              | 4.4                 | 3.3  | ---- | 4.4     | 6.2  | ---- | 6.7      | 8.9  | ---- |
| Carotid Endarterectomy.....                | 26              | 0.0                 | 1.0  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.1  | ---- |
| Hip Replacement/Reconstruction.....        | 63              | 3.2                 | 3.7  | 2.4  | 7.9     | 6.7  | 3.4  | 9.5      | 8.8  | 4.4  |
| Open Reduction of Hip Fracture.....        | 45              | 4.4                 | 5.7  | ---- | 8.9     | 10.4 | ---- | 8.9      | 13.9 | ---- |
| Prostatectomy.....                         | 115             | 0.0                 | 1.2  | 1.8  | 3.5     | 2.5  | 1.7  | 4.3      | 4.2  | 2.3  |
| Cholecystectomy.....                       | 65              | 1.5                 | 2.8  | 2.3  | 3.1     | 4.9  | 3.2  | 4.6      | 6.5  | 3.6  |
| Hysterectomy.....                          | 56              | 1.8                 | 0.7  | 1.5  | 5.4     | 1.6  | 3.9  | 5.4      | 2.6  | 3.2  |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MEMORIAL MEDICAL CENTER

Medicare Provider Number: 140148

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.5 years  
Proportion female..... 53.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 58.3 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 14.6 %  
Admitted for emergency..... 36.2 %

### COMORBIDITIES:

Cancer..... 8.9 %  
Chronic cardiovascular disease..... 35.1 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 5.3 %  
Chronic pulmonary disease..... 12.8 %  
Cerebrovascular degeneration..... 5.3 %  
Diabetes mellitus..... 7.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 47.4%  
State ..... 51.4%  
Outside State ..... 1.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 534  
Occupancy Rate ..... 77.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 37.3 %  
Case Mix Index (CMI) ..... 1.4572

### STAFFING:

Total Number of Physicians..... 339  
Percent of Physicians Board  
Certified Specialists..... 75.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 394  
Licensed Practical Nurses ..... 85

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MENDOTA COMMUNITY HOSPITAL

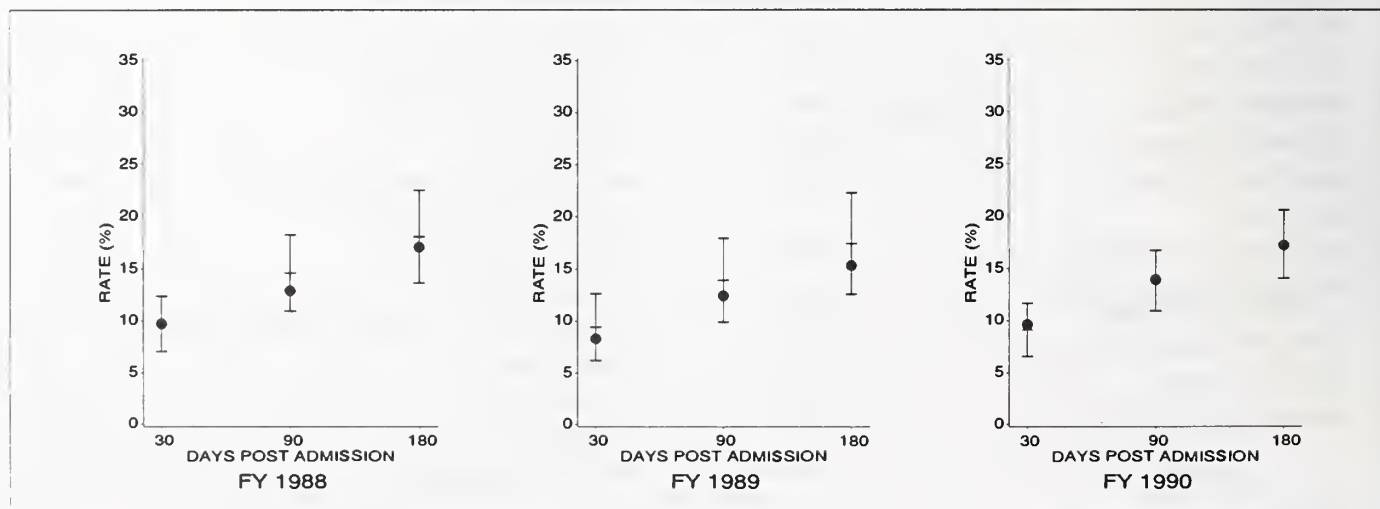
MEMORIAL DR  
MENDOTA, IL 61342  
Medicare Provider Number: 140025

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 563             | 9.6                 | 9.1  | 1.3  | 13.9    | 13.8 | 1.5  | 17.2     | 17.3 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15              | 26.7                | 28.4 | ---- | 40.0    | 32.2 | ---- | 46.7     | 35.0 | ---- |
| Congestive Heart Failure.....              | 43              | 16.3                | 13.4 | ---- | 25.6    | 21.1 | ---- | 37.2     | 27.0 | ---- |
| Pneumonia/Influenza.....                   | 49              | 14.3                | 13.9 | ---- | 16.3    | 18.8 | ---- | 22.4     | 22.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 18.2                | 6.2  | ---- | 18.2    | 11.1 | ---- | 18.2     | 15.0 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 2.0  | ---- | 0.0     | 4.8  | ---- | 0.0      | 7.7  | ---- |
| Stroke.....                                | 32              | 18.8                | 19.7 | ---- | 21.9    | 26.1 | ---- | 28.1     | 30.2 | ---- |
| Hip Fracture.....                          | 18              | 16.7                | 7.5  | ---- | 22.2    | 12.5 | ---- | 22.2     | 16.3 | ---- |
| Sepsis.....                                | 12              | 8.3                 | 19.5 | ---- | 16.7    | 26.4 | ---- | 16.7     | 30.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 5.4  | ---- | 50.0    | 10.0 | ---- | 50.0     | 13.4 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 6.3  | ---- | 0.0     | 11.0 | ---- | 0.0      | 14.5 | ---- |
| Open Reduction of Hip Fracture.....        | 8               | 25.0                | 5.9  | ---- | 37.5    | 10.0 | ---- | 37.5     | 13.2 | ---- |
| Prostatectomy.....                         | 14              | 0.0                 | 0.8  | ---- | 0.0     | 1.9  | ---- | 0.0      | 3.3  | ---- |
| Cholecystectomy.....                       | 9               | 0.0                 | 4.0  | ---- | 11.1    | 6.3  | ---- | 11.1     | 7.5  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MENDOTA COMMUNITY HOSPITAL

Medicare Provider Number: 140025

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.7 years |
| Proportion female.....        | 57.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 28.1 % |
| Transferred from skilled nursing facility..... | 1.2 %  |
| Admitted for elective procedure.....           | 3.4 %  |
| Admitted for emergency.....                    | 3.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.5 %  |
| Chronic cardiovascular disease..... | 41.0 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 16.3 % |
| Cerebrovascular degeneration.....   | 4.1 %  |
| Diabetes mellitus.....              | 5.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 66.0%  |
| State .....         | 32.0%  |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 72                  |
| Occupancy Rate .....       | 31.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 43.6 %              |
| Case Mix Index (CMI) ..... | 1.0882              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 13     |
| Percent of Physicians Board<br>Certified Specialists..... | 61.5 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 47     |
| Licensed Practical Nurses .....                           | 0      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCER COUNTY HOSPITAL

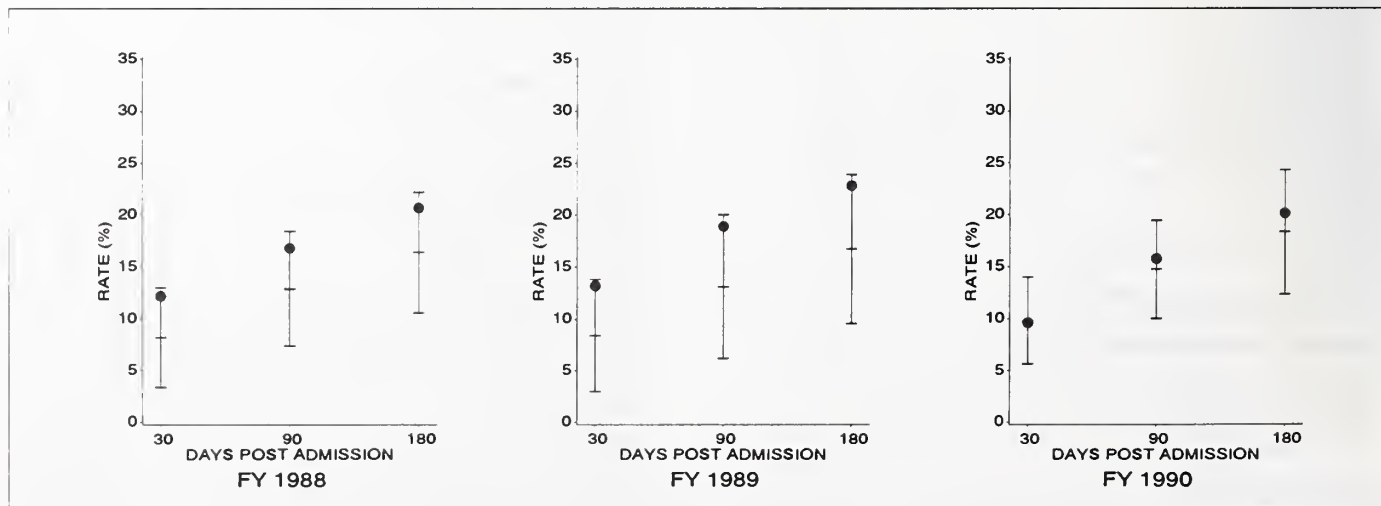
409 NW NINTH AVE  
ALEDO, IL 61231  
Medicare Provider Number: 140218

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 249                | 9.6                 | 9.8  | 2.1   | 15.7    | 14.7 | 2.4   | 20.1     | 18.3 | 3.0   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 12                 | 41.7                | 25.3 | ----- | 41.7    | 27.8 | ----- | 50.0     | 30.4 | ----- |
| Congestive Heart Failure.....              | 27                 | 7.4                 | 17.4 | ----- | 18.5    | 27.4 | ----- | 18.5     | 33.8 | ----- |
| Pneumonia/Influenza.....                   | 19                 | 5.3                 | 16.3 | ----- | 15.8    | 22.7 | ----- | 21.1     | 27.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4                  | 0.0                 | 4.1  | ----- | 0.0     | 7.5  | ----- | 0.0      | 10.5 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 1.8  | ----- | 0.0     | 4.3  | ----- | 12.5     | 7.0  | ----- |
| Stroke.....                                | 9                  | 33.3                | 20.2 | ----- | 55.6    | 29.1 | ----- | 55.6     | 33.8 | ----- |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 3                  | 0.0                 | 0.8  | ----- | 0.0     | 1.4  | ----- | 0.0      | 1.8  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MERCER COUNTY HOSPITAL

Medicare Provider Number: 140218

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 78.4 years |
| Proportion female.....        | 58.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 94.4 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 4.8 %  |
| Admitted for emergency.....                    | 22.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.8 %  |
| Chronic cardiovascular disease..... | 32.0 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 2.4 %  |
| Chronic pulmonary disease.....      | 14.8 % |
| Cerebrovascular degeneration.....   | 1.6 %  |
| Diabetes mellitus.....              | 6.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 84.9%  |
| State .....         | 13.0%  |
| Outside State ..... | 2.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 51               |
| Occupancy Rate .....       | 51.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 36.9 %           |
| Case Mix Index (CMI) ..... | 0.9538           |

### STAFFING:

|                                                            |       |
|------------------------------------------------------------|-------|
| Total Number of Physicians.....                            | 47    |
| Percent of Physicians Board<br>Certified Specialists ..... | 6.4 % |
| Medical Residents/Interns .....                            | 0     |
| Registered Nurses .....                                    | 31    |
| Licensed Practical Nurses .....                            | 3     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY CENTER FOR HEALTH CARE SERVICES

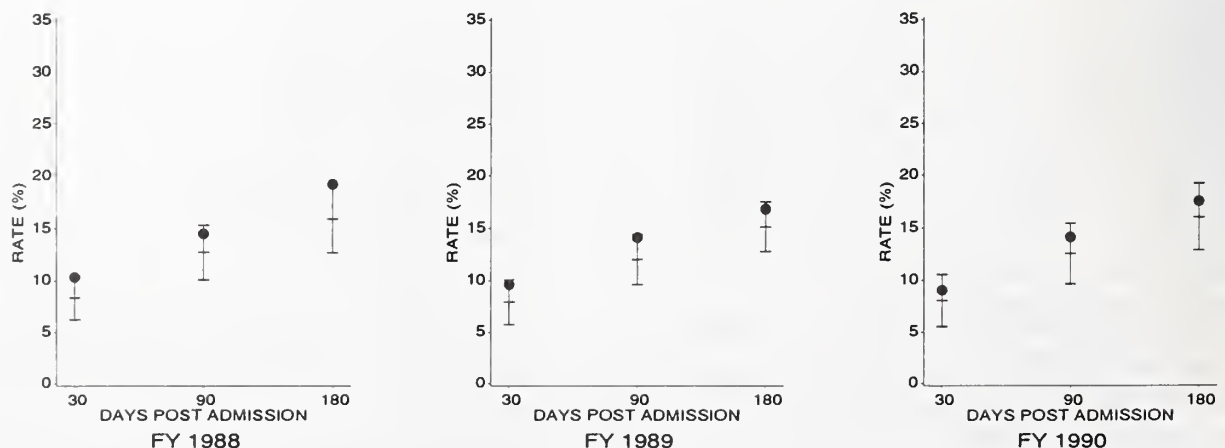
1325 N HIGHLAND AVENUE  
AURORA, IL 60506  
Medicare Provider Number: 140174

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1249               | 9.0                 | 8.0  | 1.3  | 14.1    | 12.5 | 1.5  | 17.5     | 16.0 | 1.6  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 34                 | 20.6                | 18.0 | ---- | 26.5    | 20.7 | ---- | 26.5     | 23.1 | ---- |
| Congestive Heart Failure.....              | 88                 | 20.5                | 14.0 | 6.5  | 26.1    | 21.7 | 5.9  | 34.1     | 27.8 | 7.5  |
| Pneumonia/Influenza.....                   | 67                 | 19.4                | 13.8 | 7.5  | 23.9    | 19.3 | 6.6  | 28.4     | 23.3 | 7.2  |
| Chronic Obstructive Pulmonary Disease..... | 24                 | 8.3                 | 6.6  | ---- | 12.5    | 11.8 | ---- | 16.7     | 15.9 | ---- |
| Transient Cerebral Ischemia.....           | 18                 | 11.1                | 1.5  | ---- | 11.1    | 3.6  | ---- | 22.2     | 6.0  | ---- |
| Stroke.....                                | 47                 | 17.0                | 17.0 | ---- | 25.5    | 23.5 | ---- | 25.5     | 27.6 | ---- |
| Hip Fracture.....                          | 41                 | 0.0                 | 6.7  | ---- | 7.3     | 12.1 | ---- | 7.3      | 15.9 | ---- |
| Sepsis.....                                | 10                 | 20.0                | 22.2 | ---- | 40.0    | 30.4 | ---- | 40.0     | 34.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 1                  | 0.0                 | 1.4  | ---- | 0.0     | 3.0  | ---- | 0.0      | 5.2  | ---- |
| Coronary Artery Bypass Graft.....          | 8                  | 0.0                 | 4.0  | ---- | 0.0     | 5.6  | ---- | 0.0      | 6.4  | ---- |
| Initial Pacemaker Insertion.....           | 14                 | 7.1                 | 3.2  | ---- | 7.1     | 6.2  | ---- | 7.1      | 8.6  | ---- |
| Carotid Endarterectomy.....                | 11                 | 9.1                 | 1.4  | ---- | 18.2    | 2.6  | ---- | 18.2     | 3.9  | ---- |
| Hip Replacement/Reconstruction.....        | 28                 | 3.6                 | 3.6  | ---- | 7.1     | 6.9  | ---- | 7.1      | 9.3  | ---- |
| Open Reduction of Hip Fracture.....        | 23                 | 0.0                 | 5.7  | ---- | 4.3     | 10.8 | ---- | 4.3      | 14.6 | ---- |
| Prostatectomy.....                         | 27                 | 0.0                 | 2.4  | ---- | 0.0     | 4.3  | ---- | 3.7      | 6.5  | ---- |
| Cholecystectomy.....                       | 29                 | 0.0                 | 1.5  | ---- | 0.0     | 2.9  | ---- | 6.9      | 4.1  | ---- |
| Hysterectomy.....                          | 10                 | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MERCY CENTER FOR HEALTH CARE SERVICES

Medicare Provider Number: 140174

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.2 years |
| Proportion female.....        | 57.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 59.6 % |
| Transferred from skilled nursing facility..... | 8.1 %  |
| Admitted for elective procedure.....           | 41.7 % |
| Admitted for emergency.....                    | 15.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.5 %  |
| Chronic cardiovascular disease..... | 34.1 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 2.5 %  |
| Chronic pulmonary disease.....      | 11.8 % |
| Cerebrovascular degeneration.....   | 4.8 %  |
| Diabetes mellitus.....              | 8.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 79.8%  |
| State .....         | 16.9%  |
| Outside State ..... | 3.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.4 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 285    |
| Occupancy Rate .....       | 61.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 25.0 % |
| Case Mix Index (CMI) ..... | 1.2863 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 189    |
| Percent of Physicians Board<br>Certified Specialists..... | 69.3 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 204    |
| Licensed Practical Nurses .....                           | 4      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | No  |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other Intensive Care .....           | No  |
| Trauma Center .....                  | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY HOSPITAL AND MEDICAL CENTER

STEVENSON EXPRESSWAY & KING DR

CHICAGO, IL 60616

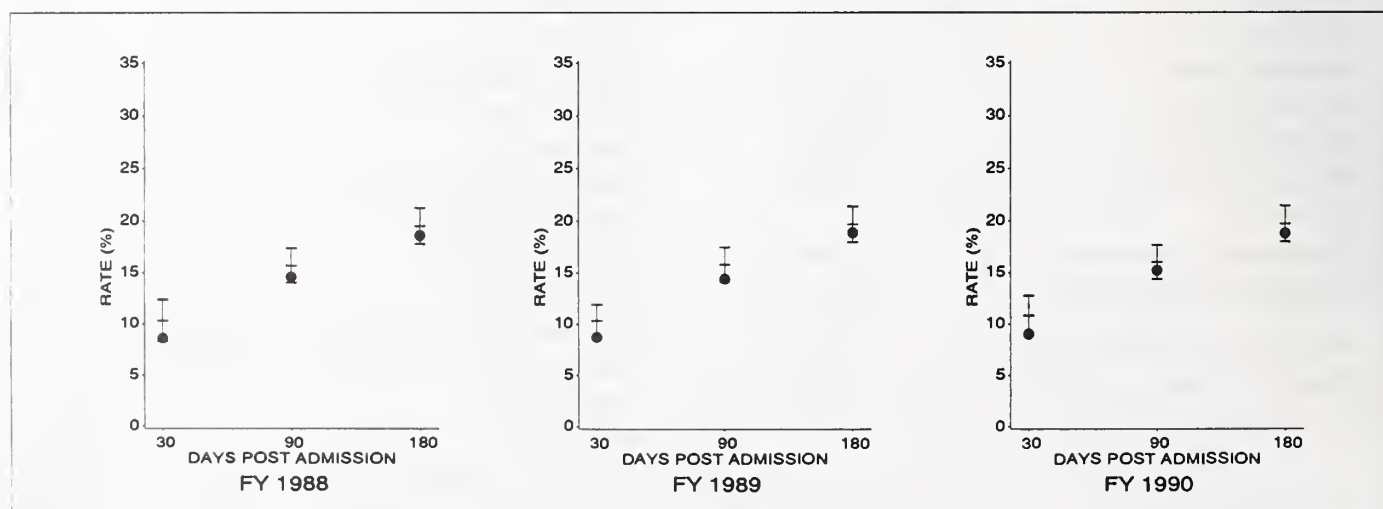
Medicare Provider Number: 140158

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2539               | 9.0                 | 10.8 | 1.0  | 15.2    | 16.0 | 0.8  | 18.8     | 19.7 | 0.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 71                 | 23.9                | 27.4 | 8.1  | 29.6    | 30.8 | 7.1  | 31.0     | 33.8 | 6.3  |
| Congestive Heart Failure.....              | 151                | 4.0                 | 10.2 | 3.3  | 8.6     | 16.7 | 4.4  | 14.6     | 22.0 | 5.3  |
| Pneumonia/Influenza.....                   | 81                 | 9.9                 | 15.2 | 5.9  | 22.2    | 21.1 | 5.6  | 25.9     | 24.9 | 5.5  |
| Chronic Obstructive Pulmonary Disease..... | 29                 | 17.2                | 10.1 | ---- | 20.7    | 16.7 | ---- | 24.1     | 21.9 | ---- |
| Transient Cerebral Ischemia.....           | 24                 | 4.2                 | 1.9  | ---- | 8.3     | 4.4  | ---- | 12.5     | 7.2  | ---- |
| Stroke.....                                | 107                | 15.0                | 16.7 | 4.0  | 21.5    | 22.9 | 4.3  | 25.2     | 26.5 | 4.6  |
| Hip Fracture.....                          | 29                 | 0.0                 | 7.1  | ---- | 3.4     | 12.0 | ---- | 6.9      | 15.3 | ---- |
| Sepsis.....                                | 68                 | 22.1                | 29.6 | 7.7  | 36.8    | 38.5 | 6.1  | 41.2     | 43.5 | 7.9  |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 17                 | 0.0                 | 3.0  | ---- | 5.9     | 4.2  | ---- | 5.9      | 5.2  | ---- |
| Coronary Artery Bypass Graft.....          | 12                 | 8.3                 | 5.8  | ---- | 8.3     | 8.8  | ---- | 16.7     | 10.0 | ---- |
| Initial Pacemaker Insertion.....           | 25                 | 0.0                 | 5.8  | ---- | 4.0     | 10.7 | ---- | 12.0     | 15.0 | ---- |
| Carotid Endarterectomy.....                | 4                  | 0.0                 | 1.3  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.4  | ---- |
| Hip Replacement/Reconstruction.....        | 26                 | 0.0                 | 3.4  | ---- | 3.8     | 6.2  | ---- | 3.8      | 8.3  | ---- |
| Open Reduction of Hip Fracture.....        | 11                 | 0.0                 | 5.2  | ---- | 9.1     | 9.5  | ---- | 9.1      | 12.7 | ---- |
| Prostatectomy.....                         | 55                 | 0.0                 | 1.5  | 2.2  | 1.8     | 3.5  | 3.7  | 1.8      | 5.8  | 5.2  |
| Cholecystectomy.....                       | 35                 | 5.7                 | 2.4  | ---- | 5.7     | 4.2  | ---- | 5.7      | 5.3  | ---- |
| Hysterectomy.....                          | 11                 | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MERCY HOSPITAL AND MEDICAL CENTER

Medicare Provider Number: 140158

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.3 years  
Proportion female..... 59.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 9.8 %  
Admitted for emergency..... 88.6 %

### COMORBIDITIES:

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 32.6 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 5.4 %  
Chronic pulmonary disease..... 10.2 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 10.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 97.6%  
State ..... 0.8%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 477  
Occupancy Rate ..... 66.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 33.2 %  
Case Mix Index (CMI) ..... 1.4057

### STAFFING:

Total Number of Physicians..... 192  
Percent of Physicians Board  
Certified Specialists ..... 87.0 %  
Medical Residents/Interns ..... 98  
Registered Nurses..... 546  
Licensed Practical Nurses ..... 16

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# METHODIST HOSPITAL OF CHICAGO

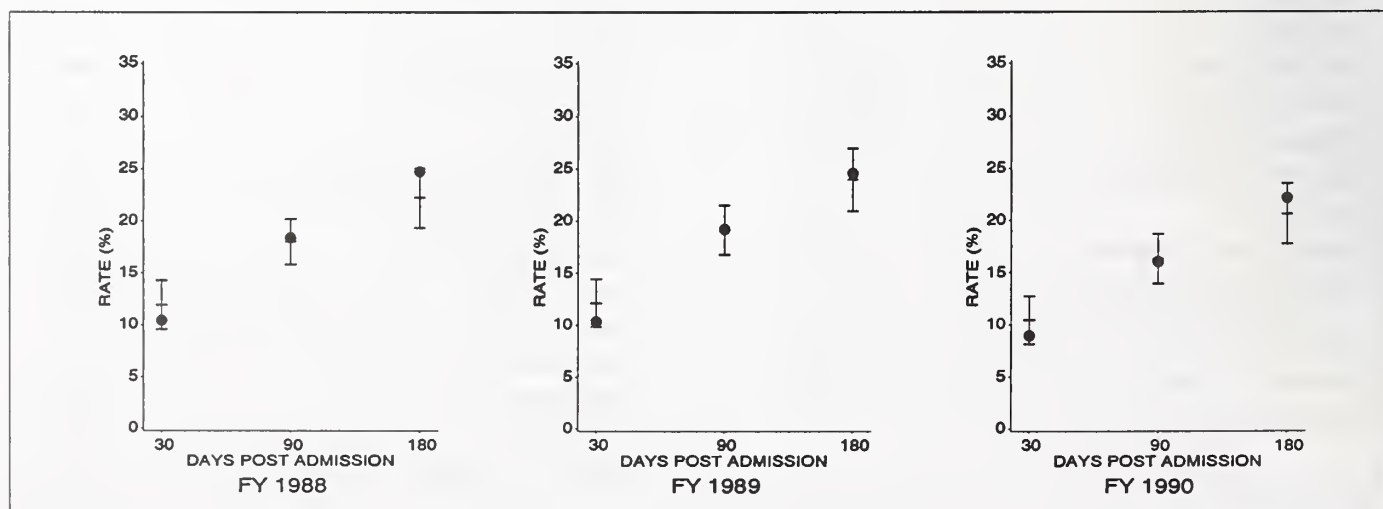
5025 N PAULINA STREET  
CHICAGO, IL 60640  
Medicare Provider Number: 140197

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 969             | 8.9                 | 10.4 | 1.2   | 16.0    | 16.3 | 1.2   | 22.1     | 20.6 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 3               | 66.7                | 32.4 | ----- | 66.7    | 42.6 | ----- | 66.7     | 48.1 | ----- |
| Congestive Heart Failure.....              | 34              | 8.8                 | 18.2 | ----- | 20.6    | 27.4 | ----- | 26.5     | 33.6 | ----- |
| Pneumonia/Influenza.....                   | 74              | 16.2                | 18.3 | 6.1   | 21.6    | 24.7 | 5.8   | 27.0     | 29.0 | 5.6   |
| Chronic Obstructive Pulmonary Disease..... | 10              | 0.0                 | 5.1  | ----- | 0.0     | 9.2  | ----- | 0.0      | 12.8 | ----- |
| Transient Cerebral Ischemia.....           | 30              | 3.3                 | 2.5  | ----- | 6.7     | 5.6  | ----- | 10.0     | 9.0  | ----- |
| Stroke.....                                | 34              | 11.8                | 21.8 | ----- | 26.5    | 29.2 | ----- | 26.5     | 33.8 | ----- |
| Hip Fracture.....                          | 22              | 9.1                 | 5.8  | ----- | 18.2    | 10.3 | ----- | 27.3     | 13.6 | ----- |
| Sepsis.....                                | 19              | 10.5                | 24.8 | ----- | 26.3    | 32.4 | ----- | 36.8     | 37.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 1.9  | ----- | 14.3    | 4.1  | ----- | 14.3     | 6.5  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 8               | 0.0                 | 4.0  | ----- | 12.5    | 7.9  | ----- | 12.5     | 11.0 | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 9.1                 | 6.2  | ----- | 18.2    | 11.1 | ----- | 27.3     | 14.6 | ----- |
| Prostatectomy.....                         | 11              | 0.0                 | 1.9  | ----- | 9.1     | 4.0  | ----- | 9.1      | 6.8  | ----- |
| Cholecystectomy.....                       | 11              | 18.2                | 8.7  | ----- | 36.4    | 18.2 | ----- | 36.4     | 24.9 | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 1.1  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# METHODIST HOSPITAL OF CHICAGO

Medicare Provider Number: 140197

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.0 years  
Proportion female..... 67.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 25.9 %  
Transferred from skilled nursing facility..... 6.0 %  
Admitted for elective procedure..... 9.5 %  
Admitted for emergency..... 67.3 %

### COMORBIDITIES:

Cancer..... 4.4 %  
Chronic cardiovascular disease..... 35.9 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 10.4 %  
Cerebrovascular degeneration..... 10.4 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.8%  
State ..... 1.2%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 201  
Ownership/Control..... Church  
Case Mix Index (CMI) ..... 1.3111

### STAFFING:

Medical Residents/Interns ..... 7  
Registered Nurses..... 58  
Licensed Practical Nurses ..... 19

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# METHODIST MEDICAL CENTER OF ILLINOIS

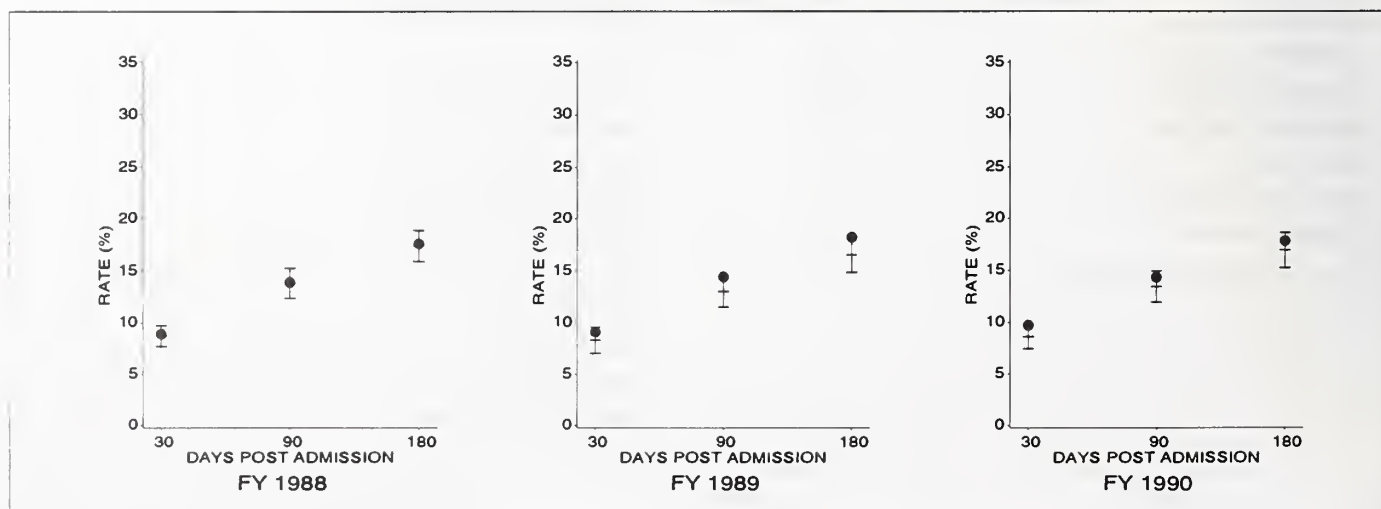
221 N E GLEN OAK AVE  
PEORIA, IL 61636  
Medicare Provider Number: 140209

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 4094            | 9.7                 | 8.6  | 0.6  | 14.3    | 13.4 | 0.7  | 17.8     | 16.9 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 112             | 17.0                | 26.5 | 5.2  | 25.9    | 29.9 | 4.5  | 30.4     | 32.9 | 4.6  |
| Congestive Heart Failure.....              | 201             | 20.4                | 14.8 | 4.5  | 26.4    | 23.5 | 4.2  | 32.3     | 29.7 | 4.0  |
| Pneumonia/Influenza.....                   | 139             | 20.9                | 16.2 | 5.4  | 25.9    | 22.2 | 5.2  | 28.8     | 26.3 | 5.9  |
| Chronic Obstructive Pulmonary Disease..... | 59              | 13.6                | 7.7  | 6.9  | 16.9    | 13.8 | 6.6  | 16.9     | 18.6 | 6.5  |
| Transient Cerebral Ischemia.....           | 60              | 1.7                 | 1.7  | 1.7  | 3.3     | 3.9  | 2.9  | 5.0      | 6.4  | 4.7  |
| Stroke.....                                | 153             | 19.0                | 18.7 | 3.2  | 24.8    | 25.0 | 3.7  | 26.8     | 28.9 | 4.3  |
| Hip Fracture.....                          | 100             | 7.0                 | 6.1  | 2.6  | 13.0    | 10.7 | 3.7  | 18.0     | 14.1 | 5.1  |
| Sepsis.....                                | 63              | 22.2                | 20.7 | 5.2  | 28.6    | 27.7 | 6.8  | 31.7     | 32.3 | 6.3  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 97              | 5.2                 | 3.2  | 2.8  | 8.2     | 4.4  | 4.1  | 9.3      | 5.5  | 4.2  |
| Coronary Artery Bypass Graft.....          | 99              | 8.1                 | 6.4  | 2.9  | 9.1     | 9.1  | 2.9  | 10.1     | 10.2 | 3.1  |
| Initial Pacemaker Insertion.....           | 44              | 0.0                 | 1.9  | ---- | 2.3     | 4.2  | ---- | 4.5      | 6.5  | ---- |
| Carotid Endarterectomy.....                | 22              | 0.0                 | 2.0  | ---- | 0.0     | 3.7  | ---- | 0.0      | 5.3  | ---- |
| Hip Replacement/Reconstruction.....        | 73              | 2.7                 | 2.5  | 2.3  | 4.1     | 4.9  | 3.5  | 11.0     | 6.8  | 4.3  |
| Open Reduction of Hip Fracture.....        | 22              | 4.5                 | 5.3  | ---- | 9.1     | 9.3  | ---- | 13.6     | 12.2 | ---- |
| Prostatectomy.....                         | 128             | 1.6                 | 1.0  | 1.1  | 3.1     | 2.5  | 1.8  | 3.9      | 4.3  | 2.1  |
| Cholecystectomy.....                       | 84              | 1.2                 | 3.0  | 2.4  | 1.2     | 5.5  | 3.4  | 2.4      | 7.3  | 3.8  |
| Hysterectomy.....                          | 32              | 3.1                 | 1.6  | ---- | 3.1     | 3.4  | ---- | 6.3      | 5.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# METHODIST MEDICAL CENTER OF ILLINOIS

Medicare Provider Number: 140209

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.3 years |
| Proportion female.....        | 54.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 47.9 % |
| Transferred from skilled nursing facility..... | 2.1 %  |
| Admitted for elective procedure.....           | 18.7 % |
| Admitted for emergency.....                    | 0.1 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.4 %  |
| Chronic cardiovascular disease..... | 37.5 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.8 %  |
| Chronic pulmonary disease.....      | 12.6 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 8.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 52.2%  |
| State .....         | 46.2%  |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 444                 |
| Occupancy Rate .....       | 79.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 41.3 %              |
| Case Mix Index (CMI) ..... | 1.4889              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | 469             |
| Percent of Physicians Board<br>Certified Specialists ..... | 74.4 %          |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MICHAEL REESE HOSPITAL & MEDICAL CENTER

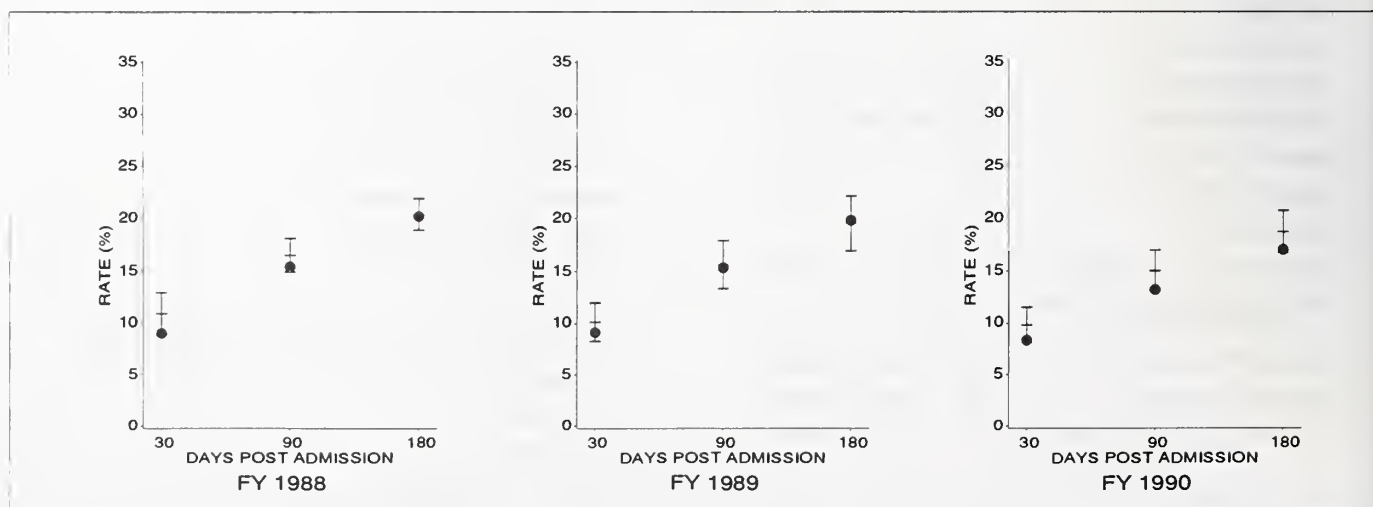
LAKE SHORE DR AT 31ST ST  
CHICAGO, IL 60616  
Medicare Provider Number: 140075

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2335            | 8.3                 | 9.8  | 0.9  | 13.2    | 15.0 | 1.0  | 17.0     | 18.7 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 53              | 15.1                | 26.6 | 12.1 | 18.9    | 29.7 | 12.6 | 22.6     | 32.6 | 13.0 |
| Congestive Heart Failure.....              | 109             | 11.0                | 13.9 | 4.1  | 15.6    | 22.3 | 6.3  | 23.9     | 28.7 | 5.5  |
| Pneumonia/Influenza.....                   | 79              | 24.1                | 18.9 | 6.7  | 32.9    | 25.6 | 7.7  | 34.2     | 29.8 | 6.2  |
| Chronic Obstructive Pulmonary Disease..... | 30              | 3.3                 | 12.0 | ---- | 6.7     | 18.9 | ---- | 13.3     | 23.6 | ---- |
| Transient Cerebral Ischemia.....           | 39              | 5.1                 | 1.8  | ---- | 7.7     | 4.0  | ---- | 10.3     | 6.3  | ---- |
| Stroke.....                                | 89              | 14.6                | 20.3 | 5.7  | 20.2    | 26.6 | 5.7  | 27.0     | 30.3 | 5.2  |
| Hip Fracture.....                          | 24              | 0.0                 | 6.6  | ---- | 4.2     | 11.4 | ---- | 8.3      | 14.7 | ---- |
| Sepsis.....                                | 33              | 30.3                | 28.2 | ---- | 39.4    | 35.8 | ---- | 39.4     | 40.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 28              | 0.0                 | 3.0  | ---- | 3.6     | 4.0  | ---- | 3.6      | 5.0  | ---- |
| Coronary Artery Bypass Graft.....          | 22              | 0.0                 | 7.3  | ---- | 0.0     | 11.7 | ---- | 4.5      | 13.7 | ---- |
| Initial Pacemaker Insertion.....           | 12              | 16.7                | 3.7  | ---- | 16.7    | 7.1  | ---- | 16.7     | 9.9  | ---- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.4  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.2  | ---- |
| Hip Replacement/Reconstruction.....        | 37              | 0.0                 | 2.1  | ---- | 0.0     | 3.8  | ---- | 2.7      | 5.3  | ---- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 5.9  | ---- | 9.1     | 10.9 | ---- | 9.1      | 14.4 | ---- |
| Prostatectomy.....                         | 60              | 1.7                 | 1.5  | 1.8  | 1.7     | 3.6  | 5.3  | 8.3      | 6.1  | 4.5  |
| Cholecystectomy.....                       | 24              | 0.0                 | 3.5  | ---- | 4.2     | 6.6  | ---- | 8.3      | 9.2  | ---- |
| Hysterectomy.....                          | 15              | 0.0                 | 0.7  | ---- | 0.0     | 1.6  | ---- | 6.7      | 2.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm$ 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MICHAEL REESE HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 140075

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.5 years |
| Proportion female.....        | 58.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 37.3 % |
| Transferred from skilled nursing facility..... | 1.8 %  |
| Admitted for elective procedure.....           | 20.3 % |
| Admitted for emergency.....                    | 75.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.6 %  |
| Chronic cardiovascular disease..... | 32.8 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 9.6 %  |
| Chronic pulmonary disease.....      | 9.4 %  |
| Cerebrovascular degeneration.....   | 4.8 %  |
| Diabetes mellitus.....              | 8.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 95.0%  |
| State .....         | 2.0%   |
| Outside State ..... | 3.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.8 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 652                 |
| Occupancy Rate .....       | 71.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.3662              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MOLINE PUBLIC HOSPITAL

635 10TH AVE  
MOLINE, IL 61265  
Medicare Provider Number: 140204

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 26                 | 15.4                | 8.7  | ---- | 23.1    | 14.4 | ---- | 23.1     | 17.4 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 3                  | 33.3                | 14.9 | ---- | 66.7    | 25.4 | ---- | 66.7     | 30.6 | ---- |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 0.9  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.3  | ---- |
| Stroke.....                                | 3                  | 33.3                | 16.6 | ---- | 33.3    | 25.2 | ---- | 33.3     | 29.0 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# MOLINE PUBLIC HOSPITAL

Medicare Provider Number: 140204

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 65.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.5 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 23.1 %  
Admitted for emergency..... 69.2 %

### COMORBIDITIES:

Cancer..... 3.8 %  
Chronic cardiovascular disease..... 26.9 %  
Chronic liver disease..... 3.8 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 11.5 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 3.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 92.5%  
State ..... 5.0%  
Outside State ..... 2.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1985

### PROFILE:

Total Beds ..... 169  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 0.9516

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 207  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

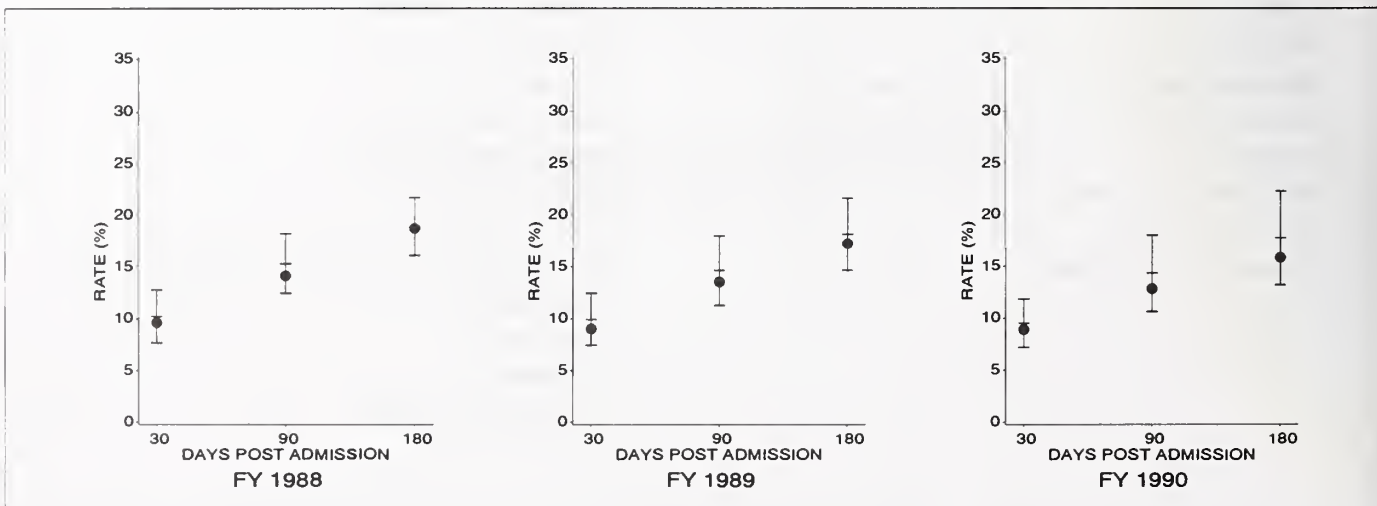
**MORRIS HOSPITAL**  
150 W HIGH ST  
MORRIS, IL 60450  
Medicare Provider Number: 140101

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 888                | 8.9                 | 9.5  | 1.2   | 12.8    | 14.3 | 1.8   | 15.8     | 17.7 | 2.3   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 27                 | 25.9                | 28.0 | ----- | 25.9    | 30.5 | ----- | 29.6     | 33.4 | ----- |
| Congestive Heart Failure.....              | 75                 | 16.0                | 13.4 | 5.4   | 22.7    | 21.1 | 4.8   | 25.3     | 27.0 | 5.9   |
| Pneumonia/Influenza.....                   | 97                 | 7.2                 | 15.6 | 5.2   | 18.6    | 21.4 | 4.9   | 19.6     | 25.3 | 5.0   |
| Chronic Obstructive Pulmonary Disease..... | 17                 | 5.9                 | 7.8  | ----- | 11.8    | 14.5 | ----- | 11.8     | 19.7 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 1.8  | ----- | 6.3     | 4.1  | ----- | 12.5     | 6.6  | ----- |
| Stroke.....                                | 38                 | 13.2                | 19.1 | ----- | 13.2    | 25.5 | ----- | 18.4     | 29.3 | ----- |
| Hip Fracture.....                          | 19                 | 10.5                | 8.9  | ----- | 15.8    | 15.4 | ----- | 15.8     | 19.4 | ----- |
| Sepsis.....                                | 8                  | 12.5                | 14.1 | ----- | 25.0    | 19.6 | ----- | 25.0     | 23.6 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 2.2  | ----- | 0.0     | 4.3  | ----- | 0.0      | 6.2  | ----- |
| Carotid Endarterectomy.....                | 8                  | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.1  | ----- |
| Hip Replacement/Reconstruction.....        | 7                  | 0.0                 | 4.9  | ----- | 0.0     | 8.7  | ----- | 0.0      | 11.8 | ----- |
| Open Reduction of Hip Fracture.....        | 10                 | 10.0                | 10.9 | ----- | 20.0    | 19.6 | ----- | 20.0     | 24.7 | ----- |
| Prostatectomy.....                         | 27                 | 3.7                 | 1.2  | ----- | 3.7     | 3.0  | ----- | 11.1     | 5.1  | ----- |
| Cholecystectomy.....                       | 15                 | 0.0                 | 2.1  | ----- | 0.0     | 3.6  | ----- | 0.0      | 4.6  | ----- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**MORRIS HOSPITAL**  
Medicare Provider Number: 140101

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 76.2 years  
Proportion female..... 58.3 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 37.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 6.0 %  
Admitted for emergency..... 16.0 %

**COMORBIDITIES:**

Cancer..... 6.3 %  
Chronic cardiovascular disease..... 43.6 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 14.2 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 6.7 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 69.5%  
State ..... 28.3%  
Outside State ..... 2.2%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 82  
Occupancy Rate ..... 62.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 39.3 %  
Case Mix Index (CMI) ..... 1.1015

**STAFFING:**

Total Number of Physicians..... 29  
Percent of Physicians Board  
Certified Specialists ..... 34.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 83  
Licensed Practical Nurses ..... 16

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MORRISON COMMUNITY HOSPITAL

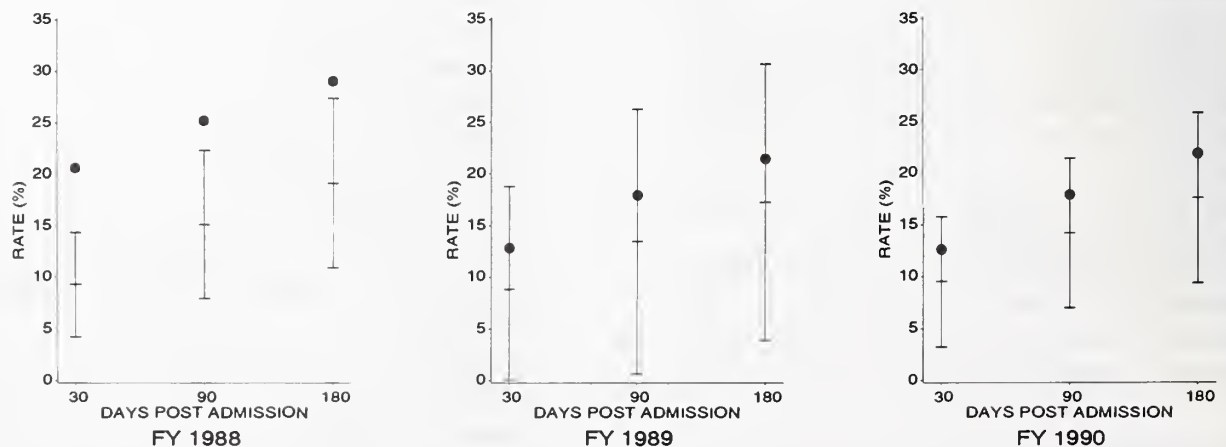
303 N JACKSON STREET  
MORRISON, IL 61270  
Medicare Provider Number: 140173

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 151             | 12.6                | 9.5  | 3.1  | 17.9    | 14.2 | 3.6  | 21.9     | 17.6 | 4.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 4               | 25.0                | 29.6 | ---- | 25.0    | 32.6 | ---- | 25.0     | 35.8 | ---- |
| Congestive Heart Failure.....              | 10              | 40.0                | 17.3 | ---- | 50.0    | 26.8 | ---- | 50.0     | 33.9 | ---- |
| Pneumonia/Influenza.....                   | 9               | 11.1                | 15.2 | ---- | 11.1    | 21.2 | ---- | 11.1     | 25.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 25.0                | 8.7  | ---- | 50.0    | 15.7 | ---- | 50.0     | 20.4 | ---- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 3.3  | ---- | 0.0     | 7.8  | ---- | 0.0      | 12.4 | ---- |
| Stroke.....                                | 9               | 11.1                | 20.1 | ---- | 22.2    | 24.9 | ---- | 22.2     | 28.0 | ---- |
| Hip Fracture.....                          | 6               | 0.0                 | 4.8  | ---- | 16.7    | 8.6  | ---- | 16.7     | 11.5 | ---- |
| Sepsis.....                                | 1               | 0.0                 | 22.9 | ---- | 100.0   | 37.3 | ---- | 100.0    | 43.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 2.8  | ---- | 0.0     | 5.7  | ---- | 0.0      | 8.5  | ---- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 6.0  | ---- | 33.3    | 10.4 | ---- | 33.3     | 13.4 | ---- |
| Prostatectomy.....                         | 6               | 0.0                 | 1.0  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.8  | ---- |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.7  | ---- | 0.0     | 3.0  | ---- | 0.0      | 3.8  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MORRISON COMMUNITY HOSPITAL

Medicare Provider Number: 140173

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 46.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 78.8 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 1.3 %  
Admitted for emergency..... 19.2 %

### COMORBIDITIES:

Cancer..... 7.9 %  
Chronic cardiovascular disease..... 30.5 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 4.0 %  
Chronic pulmonary disease..... 11.9 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 7.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.4%  
State ..... 13.1%  
Outside State ..... 3.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 84  
Occupancy Rate ..... 39.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 60.0 %  
Case Mix Index (CMI) ..... 1.0191

### STAFFING:

Total Number of Physicians..... 6  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MT SINAI HOSPITAL MEDICAL CENTER

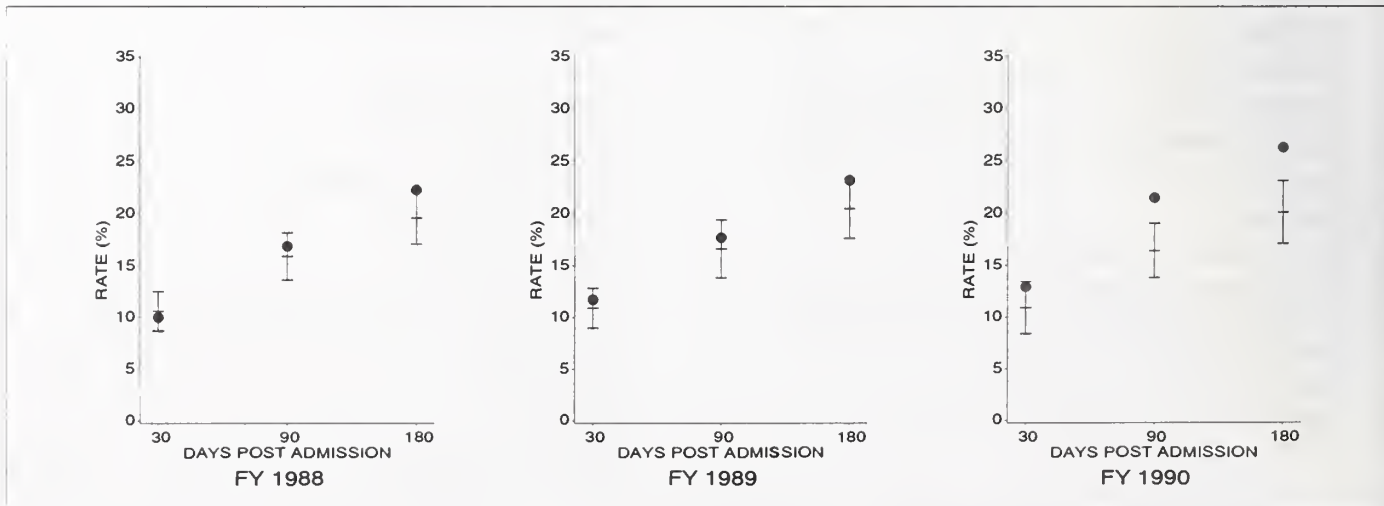
15TH STREET AT CALIFORNIA  
CHICAGO, IL 60608  
Medicare Provider Number: 140018

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1077            | 12.9                | 10.9 | 1.3   | 21.5    | 16.4 | 1.3   | 26.3     | 20.1 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 42.9                | 33.3 | ----- | 47.6    | 36.1 | ----- | 52.4     | 38.6 | ----- |
| Congestive Heart Failure.....              | 82              | 7.3                 | 12.4 | 5.8   | 19.5    | 20.5 | 6.3   | 24.4     | 26.4 | 6.6   |
| Pneumonia/Influenza.....                   | 57              | 40.4                | 18.9 | 7.6   | 49.1    | 26.0 | 9.7   | 57.9     | 30.3 | 9.0   |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 9.8  | ----- | 20.0    | 15.3 | ----- | 20.0     | 19.3 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.8  | ----- |
| Stroke.....                                | 60              | 20.0                | 19.9 | 5.3   | 26.7    | 25.9 | 5.9   | 31.7     | 29.3 | 6.2   |
| Hip Fracture.....                          | 11              | 9.1                 | 7.2  | ----- | 18.2    | 12.7 | ----- | 18.2     | 16.7 | ----- |
| Sepsis.....                                | 29              | 20.7                | 29.2 | ----- | 44.8    | 40.9 | ----- | 51.7     | 46.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 2               | 0.0                 | 0.8  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.5  | ----- |
| Coronary Artery Bypass Graft.....          | 4               | 25.0                | 2.8  | ----- | 25.0    | 3.5  | ----- | 25.0     | 3.9  | ----- |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 3.7  | ----- | 0.0     | 7.9  | ----- | 0.0      | 11.5 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5               | 0.0                 | 5.7  | ----- | 20.0    | 9.0  | ----- | 40.0     | 10.9 | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 3.5  | ----- | 0.0     | 6.3  | ----- | 0.0      | 8.5  | ----- |
| Prostatectomy.....                         | 18              | 5.6                 | 1.5  | ----- | 11.1    | 3.5  | ----- | 11.1     | 5.8  | ----- |
| Cholecystectomy.....                       | 13              | 7.7                 | 5.4  | ----- | 23.1    | 11.5 | ----- | 23.1     | 16.0 | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MT SINAI HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140018

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 71.2 years | Cancer.....                         | 7.8 %  |
| Proportion female.....                         | 56.9 %     | Chronic cardiovascular disease..... | 26.3 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 1.4 %  |
| Referred by personal or HMO physician.....     | 33.1 %     | Chronic renal disease.....          | 5.8 %  |
| Transferred from skilled nursing facility..... | 1.6 %      | Chronic pulmonary disease.....      | 8.3 %  |
| Admitted for elective procedure.....           | 12.3 %     | Cerebrovascular degeneration.....   | 5.5 %  |
| Admitted for emergency.....                    | 75.8 %     | Diabetes mellitus.....              | 12.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

|                                              |        |                                         |           |
|----------------------------------------------|--------|-----------------------------------------|-----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |           |
| County/City .....                            | 96.7%  | Hospital .....                          | 12.8 Days |
| State .....                                  | 1.1%   | State .....                             | 8.4 Days  |
| Outside State .....                          | 2.2%   | National .....                          | 8.6 Days  |
| Total .....                                  | 100.0% |                                         |           |

## HOSPITAL CHARACTERISTICS\*

|                                                                    |                     |                                                 |     |
|--------------------------------------------------------------------|---------------------|-------------------------------------------------|-----|
| <b>SOURCE:</b> AHA Annual Survey of Hospitals** - Survey Year 1990 |                     |                                                 |     |
| <b>PROFILE:</b>                                                    |                     | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 353                 | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 79.0 %              | Cardiac Intensive Care .....                    | No  |
| Ownership/Control.....                                             | Private, Non-Profit | Comprehensive Geriatric .....                   | Yes |
| Medicare Discharges .....                                          | 14.9 %              | Hospice Care .....                              | No  |
| Case Mix Index (CMI) .....                                         | 1.3210              | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                     | Organ/Tissue Transplant .....                   | No  |
| Total Number of Physicians.....                                    | 314                 | Other Intensive Care .....                      | No  |
| Percent of Physicians Board<br>Certified Specialists .....         | 66.9 %              | Trauma Center .....                             | Yes |
| Medical Residents/Interns .....                                    | 25                  | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | 215                 | Alcohol/Drug .....                              | Yes |
| Licensed Practical Nurses .....                                    | 85                  | Rehabilitation.....                             | No  |
|                                                                    |                     | Psychiatric .....                               | Yes |
|                                                                    |                     | Medicare Swing Beds .....                       | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTHERN ILLINOIS MEDICAL CENTER

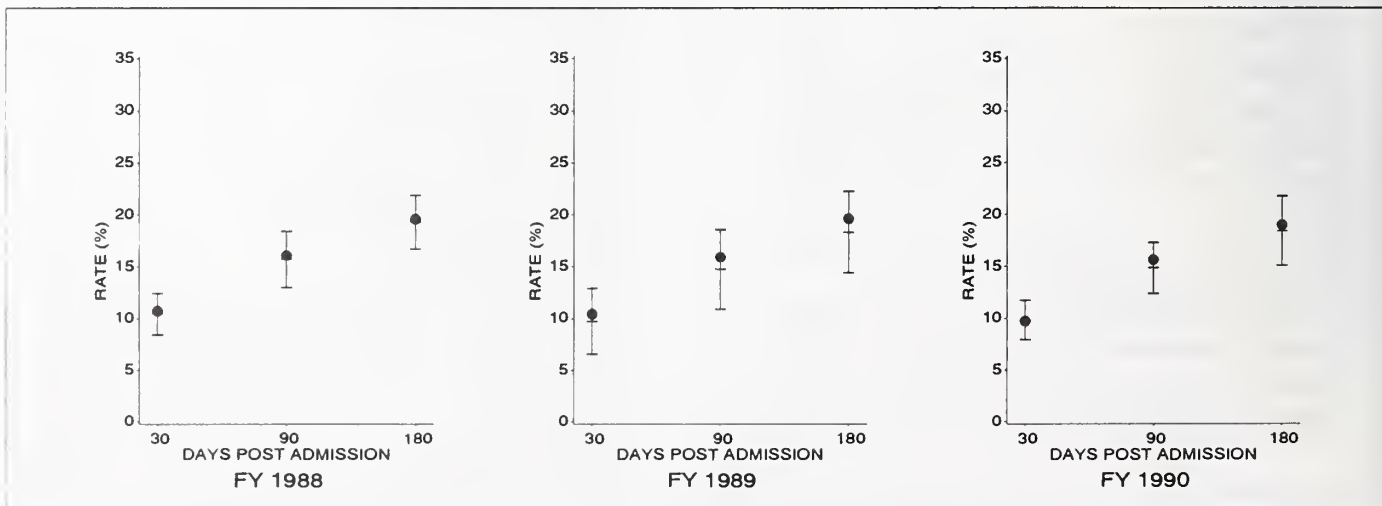
4201 MEDICAL CENTER DRIVE  
MCHENRY, IL 60050  
Medicare Provider Number: 140116

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1387            | 9.7                 | 9.8  | 0.9   | 15.6    | 14.8 | 1.2   | 19.0     | 18.4 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 52              | 23.1                | 22.6 | 5.8   | 25.0    | 25.7 | 6.5   | 28.8     | 28.5 | 6.5   |
| Congestive Heart Failure.....              | 85              | 10.6                | 13.8 | 6.1   | 15.3    | 21.6 | 7.2   | 21.2     | 27.5 | 7.1   |
| Pneumonia/Influenza.....                   | 95              | 12.6                | 13.4 | 3.6   | 16.8    | 18.2 | 4.9   | 21.1     | 21.7 | 4.7   |
| Chronic Obstructive Pulmonary Disease..... | 30              | 3.3                 | 5.7  | ----- | 3.3     | 9.9  | ----- | 6.7      | 13.5 | ----- |
| Transient Cerebral Ischemia.....           | 23              | 4.3                 | 1.4  | ----- | 4.3     | 3.3  | ----- | 8.7      | 5.5  | ----- |
| Stroke.....                                | 66              | 25.8                | 20.0 | 7.7   | 31.8    | 26.9 | 6.7   | 36.4     | 30.9 | 6.8   |
| Hip Fracture.....                          | 44              | 2.3                 | 6.3  | ----- | 11.4    | 11.1 | ----- | 11.4     | 14.4 | ----- |
| Sepsis.....                                | 17              | 23.5                | 27.6 | ----- | 35.3    | 35.9 | ----- | 41.2     | 40.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 9.1                 | 4.5  | ----- | 9.1     | 8.3  | ----- | 9.1      | 11.7 | ----- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.9  | ----- |
| Hip Replacement/Reconstruction.....        | 27              | 7.4                 | 2.9  | ----- | 7.4     | 5.1  | ----- | 7.4      | 6.8  | ----- |
| Open Reduction of Hip Fracture.....        | 17              | 0.0                 | 6.3  | ----- | 11.8    | 11.2 | ----- | 11.8     | 14.4 | ----- |
| Prostatectomy.....                         | 47              | 0.0                 | 1.1  | ----- | 2.1     | 2.7  | ----- | 2.1      | 4.5  | ----- |
| Cholecystectomy.....                       | 27              | 0.0                 | 3.0  | ----- | 0.0     | 5.2  | ----- | 3.7      | 6.5  | ----- |
| Hysterectomy.....                          | 7               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NORTHERN ILLINOIS MEDICAL CENTER

Medicare Provider Number: 140116

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.7 years |
| Proportion female.....        | 57.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 32.0 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 15.1 % |
| Admitted for emergency.....                    | 15.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.4 %  |
| Chronic cardiovascular disease..... | 41.0 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 18.0 % |
| Cerebrovascular degeneration.....   | 3.0 %  |
| Diabetes mellitus.....              | 7.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 72.5%  |
| State .....         | 22.0%  |
| Outside State ..... | 5.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.1 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 158                 |
| Occupancy Rate .....       | 64.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 35.1 %              |
| Case Mix Index (CMI) ..... | 1.2533              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 98     |
| Percent of Physicians Board<br>Certified Specialists ..... | 71.4 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 146    |
| Licensed Practical Nurses .....                            | 7      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTHWEST COMMUNITY HOSPITAL

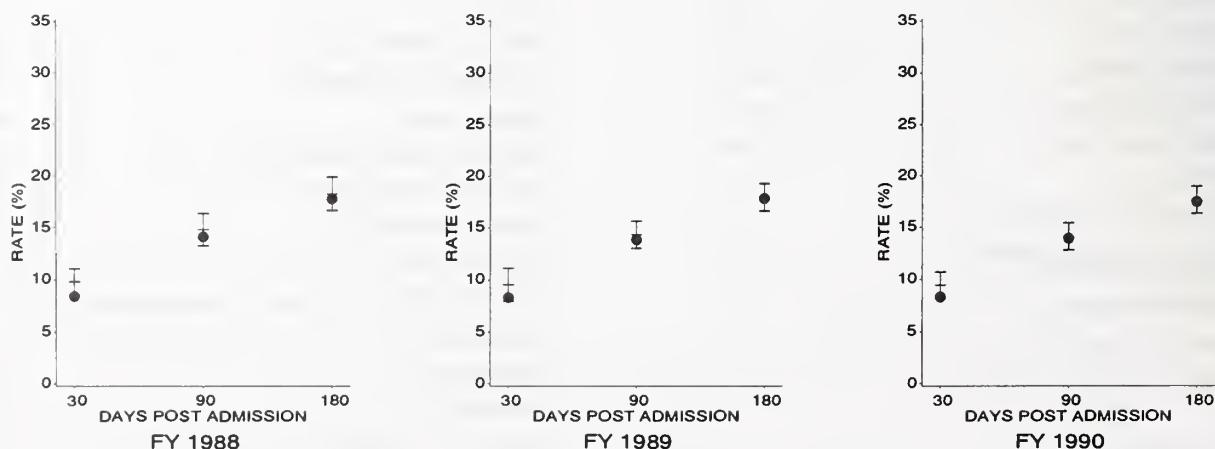
800 W CENTRAL ROAD  
ARLINGTON HEIGHTS, IL 60005  
Medicare Provider Number: 140252

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3561            | 8.3                 | 9.4  | 0.6  | 13.9    | 14.1 | 0.7  | 17.4     | 17.6 | 0.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 119             | 24.4                | 30.4 | 9.2  | 29.4    | 33.5 | 8.8  | 31.1     | 36.6 | 7.7  |
| Congestive Heart Failure.....              | 184             | 11.4                | 14.4 | 3.2  | 19.6    | 22.4 | 3.4  | 28.8     | 28.7 | 3.4  |
| Pneumonia/Influenza.....                   | 148             | 20.9                | 18.6 | 3.7  | 31.8    | 25.4 | 5.2  | 35.8     | 29.7 | 5.1  |
| Chronic Obstructive Pulmonary Disease..... | 28              | 14.3                | 9.2  | ---- | 17.9    | 15.7 | ---- | 25.0     | 20.5 | ---- |
| Transient Cerebral Ischemia.....           | 64              | 0.0                 | 1.9  | 2.2  | 0.0     | 4.2  | 4.1  | 1.6      | 6.9  | 4.8  |
| Stroke.....                                | 144             | 14.6                | 21.1 | 5.2  | 25.7    | 27.2 | 4.6  | 31.9     | 30.8 | 3.9  |
| Hip Fracture.....                          | 98              | 6.1                 | 6.0  | 3.0  | 14.3    | 10.7 | 4.7  | 17.3     | 14.1 | 6.7  |
| Sepsis.....                                | 50              | 26.0                | 26.6 | ---- | 40.0    | 34.0 | ---- | 40.0     | 38.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 46              | 0.0                 | 3.9  | ---- | 4.3     | 7.3  | ---- | 13.0     | 10.4 | ---- |
| Carotid Endarterectomy.....                | 22              | 4.5                 | 1.7  | ---- | 9.1     | 3.2  | ---- | 13.6     | 4.8  | ---- |
| Hip Replacement/Reconstruction.....        | 98              | 1.0                 | 2.3  | 2.5  | 4.1     | 4.5  | 3.5  | 6.1      | 6.3  | 3.0  |
| Open Reduction of Hip Fracture.....        | 45              | 8.9                 | 6.6  | ---- | 20.0    | 12.0 | ---- | 24.4     | 16.0 | ---- |
| Prostatectomy.....                         | 115             | 0.9                 | 0.9  | 0.9  | 1.7     | 2.1  | 1.5  | 4.3      | 3.6  | 1.8  |
| Cholecystectomy.....                       | 73              | 0.0                 | 3.7  | 3.6  | 4.1     | 6.3  | 4.9  | 4.1      | 7.8  | 4.9  |
| Hysterectomy.....                          | 36              | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 1.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# NORTHWEST COMMUNITY HOSPITAL

Medicare Provider Number: 140252

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 58.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.1 %  
Transferred from skilled nursing facility..... 2.8 %  
Admitted for elective procedure..... 19.2 %  
Admitted for emergency..... 74.3 %

### COMORBIDITIES:

Cancer..... 10.3 %  
Chronic cardiovascular disease..... 35.5 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 11.2 %  
Cerebrovascular degeneration..... 3.0 %  
Diabetes mellitus..... 6.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 84.7%  
State ..... 11.9%  
Outside State ..... 3.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 417  
Occupancy Rate ..... 75.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 29.2 %  
Case Mix Index (CMI) ..... 1.2879

### STAFFING:

Total Number of Physicians..... 488  
Percent of Physicians Board  
Certified Specialists ..... 75.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 560  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTHWESTERN MEMORIAL HOSPITAL

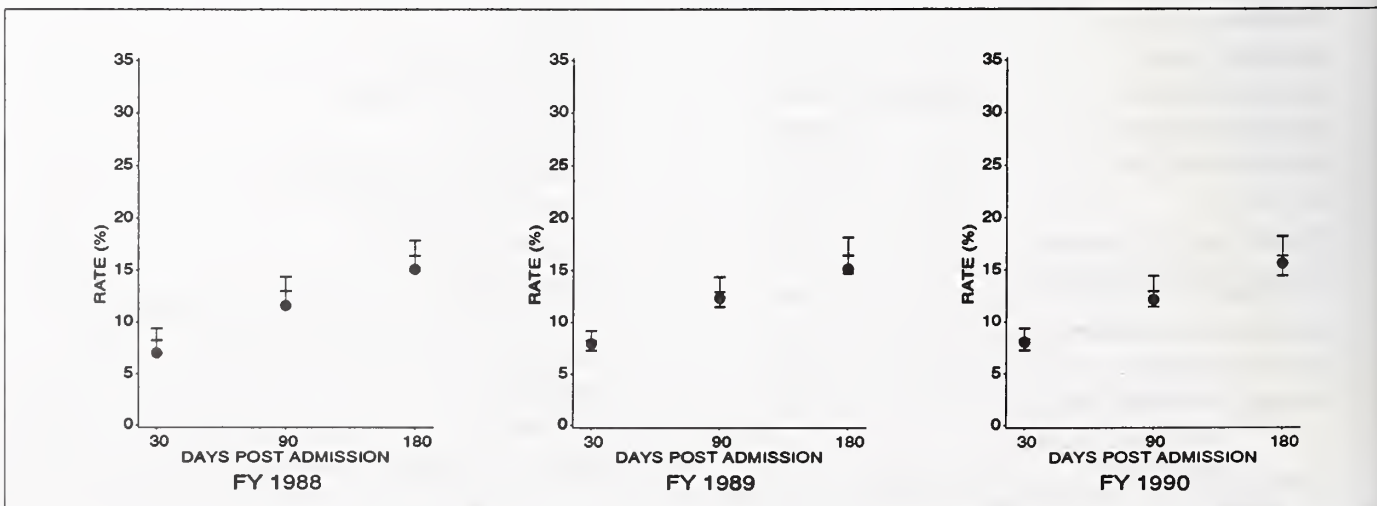
250 E SUPERIOR STREET  
CHICAGO, IL 60611  
Medicare Provider Number: 140281

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3777               | 8.0                 | 8.3  | 0.5  | 12.1    | 12.9 | 0.8  | 15.6     | 16.3 | 1.0  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 108                | 24.1                | 28.9 | 5.9  | 28.7    | 32.1 | 6.1  | 31.5     | 35.2 | 7.4  |
| Congestive Heart Failure.....              | 137                | 12.4                | 14.8 | 3.9  | 21.9    | 23.0 | 3.7  | 29.2     | 29.2 | 3.9  |
| Pneumonia/Influenza.....                   | 102                | 14.7                | 14.6 | 3.5  | 21.6    | 20.1 | 4.6  | 26.5     | 23.8 | 5.7  |
| Chronic Obstructive Pulmonary Disease..... | 29                 | 10.3                | 10.1 | ---- | 10.3    | 17.0 | ---- | 17.2     | 21.9 | ---- |
| Transient Cerebral Ischemia.....           | 44                 | 0.0                 | 1.6  | ---- | 2.3     | 3.6  | ---- | 4.5      | 5.8  | ---- |
| Stroke.....                                | 128                | 13.3                | 19.5 | 4.4  | 19.5    | 26.4 | 6.0  | 21.1     | 30.4 | 6.2  |
| Hip Fracture.....                          | 69                 | 10.1                | 6.4  | 3.6  | 11.6    | 11.1 | 4.4  | 14.5     | 14.4 | 4.2  |
| Sepsis.....                                | 31                 | 19.4                | 26.2 | ---- | 25.8    | 35.3 | ---- | 35.5     | 40.2 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 52                 | 7.7                 | 4.2  | 5.8  | 7.7     | 5.1  | 6.2  | 9.6      | 6.1  | 6.5  |
| Coronary Artery Bypass Graft.....          | 84                 | 3.6                 | 4.1  | 2.3  | 6.0     | 5.8  | 2.6  | 8.3      | 6.7  | 3.1  |
| Initial Pacemaker Insertion.....           | 19                 | 5.3                 | 3.5  | ---- | 5.3     | 6.9  | ---- | 10.5     | 9.9  | ---- |
| Carotid Endarterectomy.....                | 23                 | 0.0                 | 1.3  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.5  | ---- |
| Hip Replacement/Reconstruction.....        | 84                 | 1.2                 | 1.9  | 1.6  | 2.4     | 3.6  | 2.4  | 6.0      | 5.0  | 2.5  |
| Open Reduction of Hip Fracture.....        | 33                 | 6.1                 | 4.9  | ---- | 6.1     | 8.9  | ---- | 6.1      | 12.0 | ---- |
| Prostatectomy.....                         | 110                | 0.0                 | 0.9  | 1.3  | 0.9     | 2.0  | 1.7  | 0.9      | 3.5  | 2.8  |
| Cholecystectomy.....                       | 35                 | 0.0                 | 2.1  | ---- | 0.0     | 3.7  | ---- | 0.0      | 5.0  | ---- |
| Hysterectomy.....                          | 35                 | 2.9                 | 0.4  | ---- | 2.9     | 1.0  | ---- | 2.9      | 1.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NORTHWESTERN MEMORIAL HOSPITAL

Medicare Provider Number: 140281

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.0 years  
Proportion female..... 53.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 35.5 %  
Admitted for emergency..... 58.8 %

### COMORBIDITIES:

Cancer..... 9.7 %  
Chronic cardiovascular disease..... 30.5 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 7.0 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.3%  
State..... 9.8%  
Outside State..... 7.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.9 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 723  
Occupancy Rate..... 70.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 26.3 %  
Case Mix Index (CMI)..... 1.4551

### STAFFING:

Total Number of Physicians..... 815  
Percent of Physicians Board  
Certified Specialists..... 89.2 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 954  
Licensed Practical Nurses..... 71

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORWEGIAN-AMERICAN HOSPITAL

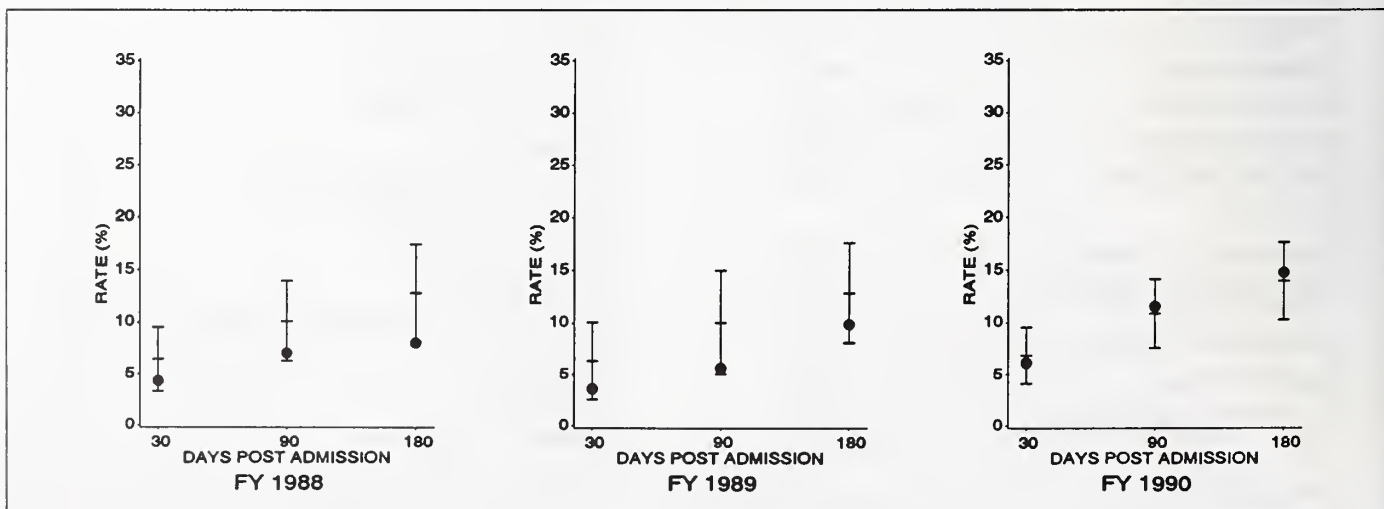
1044 N FRANCISCO AVE  
CHICAGO, IL 60622  
Medicare Provider Number: 140206

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 374             | 6.1                 | 6.8  | 1.4   | 11.5    | 10.8 | 1.6   | 14.7     | 13.9 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 7               | 42.9                | 29.5 | ----- | 42.9    | 32.7 | ----- | 42.9     | 36.4 | ----- |
| Congestive Heart Failure.....              | 22              | 18.2                | 12.6 | ----- | 18.2    | 19.8 | ----- | 22.7     | 25.7 | ----- |
| Pneumonia/Influenza.....                   | 14              | 7.1                 | 16.0 | ----- | 14.3    | 22.5 | ----- | 14.3     | 26.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 10              | 0.0                 | 6.4  | ----- | 20.0    | 11.0 | ----- | 20.0     | 14.8 | ----- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 1.9  | ----- | 0.0     | 4.4  | ----- | 0.0      | 6.6  | ----- |
| Stroke.....                                | 9               | 33.3                | 14.9 | ----- | 33.3    | 19.0 | ----- | 33.3     | 22.0 | ----- |
| Hip Fracture.....                          | 1               | 0.0                 | 4.4  | ----- | 100.0   | 7.7  | ----- | 100.0    | 9.6  | ----- |
| Sepsis.....                                | 3               | 0.0                 | 27.8 | ----- | 0.0     | 36.0 | ----- | 0.0      | 41.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 14              | 0.0                 | 1.0  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.3  | ----- |
| Cholecystectomy.....                       | 8               | 0.0                 | 1.2  | ----- | 0.0     | 2.1  | ----- | 0.0      | 2.8  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# NORWEGIAN-AMERICAN HOSPITAL

Medicare Provider Number: 140206

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 67.5 years  
Proportion female..... 50.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 53.2 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 12.0 %  
Admitted for emergency..... 48.7 %

### COMORBIDITIES:

Cancer..... 3.7 %  
Chronic cardiovascular disease..... 35.6 %  
Chronic liver disease..... 2.4 %  
Chronic renal disease..... 2.1 %  
Chronic pulmonary disease..... 10.4 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 15.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 94.5%  
State ..... 1.2%  
Outside State ..... 4.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 239  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 6.6 %  
Case Mix Index (CMI) ..... 1.1578

### STAFFING:

Total Number of Physicians..... 194  
Percent of Physicians Board  
Certified Specialists ..... 35.6 %  
Medical Residents/Interns ..... 2  
Registered Nurses..... 221  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# OAK PARK HOSPITAL

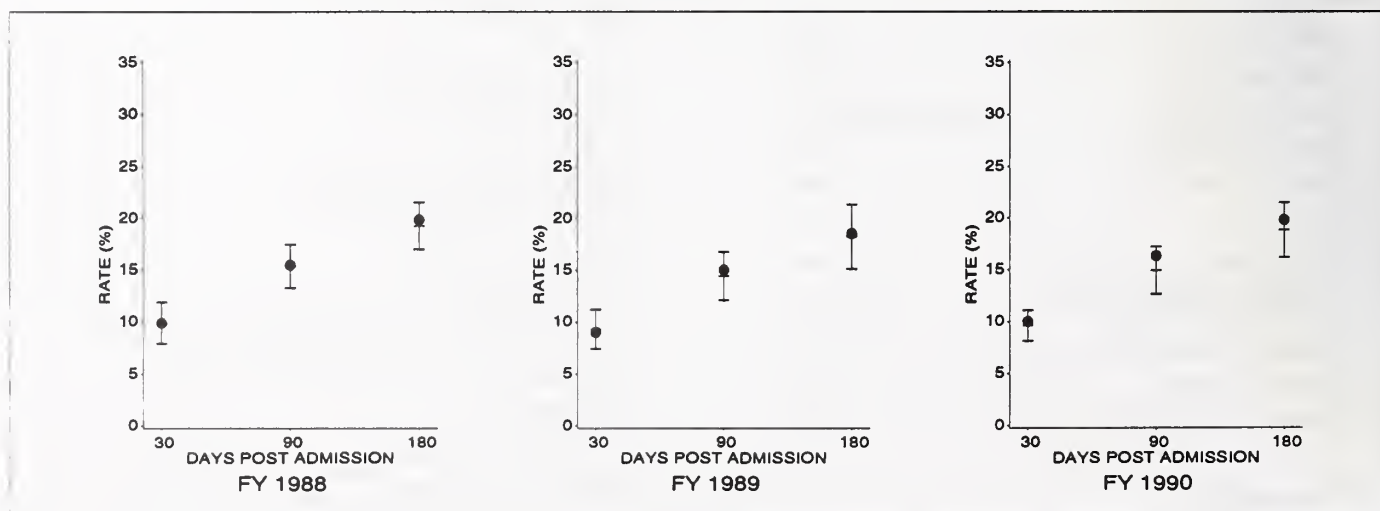
520 S MAPLE AVE  
OAK PARK, IL 60304  
Medicare Provider Number: 140063

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1740            | 10.0                | 9.6  | 0.7  | 16.3    | 14.9 | 1.1  | 19.8     | 18.8 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 29              | 24.1                | 27.7 | ---- | 27.6    | 30.4 | ---- | 31.0     | 33.3 | ---- |
| Congestive Heart Failure.....              | 122             | 18.0                | 15.2 | 4.0  | 24.6    | 23.8 | 4.3  | 27.0     | 30.0 | 6.1  |
| Pneumonia/Influenza.....                   | 55              | 18.5                | 13.4 | 5.2  | 27.7    | 18.3 | 7.7  | 32.3     | 22.0 | 8.4  |
| Chronic Obstructive Pulmonary Disease..... | 35              | 2.9                 | 8.6  | ---- | 2.9     | 14.5 | ---- | 2.9      | 18.6 | ---- |
| Transient Cerebral Ischemia.....           | 37              | 0.0                 | 1.9  | ---- | 5.4     | 4.2  | ---- | 8.1      | 6.9  | ---- |
| Stroke.....                                | 77              | 18.2                | 18.3 | 4.5  | 24.7    | 24.8 | 6.0  | 31.2     | 28.6 | 6.0  |
| Hip Fracture.....                          | 44              | 9.1                 | 8.4  | ---- | 15.9    | 14.3 | ---- | 20.5     | 18.2 | ---- |
| Sepsis.....                                | 23              | 34.8                | 26.2 | ---- | 43.5    | 35.8 | ---- | 52.2     | 41.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 16              | 0.0                 | 2.7  | ---- | 0.0     | 5.7  | ---- | 6.3      | 8.5  | ---- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.6  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.3  | ---- |
| Hip Replacement/Reconstruction.....        | 32              | 6.3                 | 5.0  | ---- | 9.4     | 8.7  | ---- | 18.8     | 11.4 | ---- |
| Open Reduction of Hip Fracture.....        | 22              | 9.1                 | 7.2  | ---- | 13.6    | 12.6 | ---- | 13.6     | 16.3 | ---- |
| Prostatectomy.....                         | 62              | 3.2                 | 1.3  | 2.8  | 4.8     | 3.0  | 4.7  | 8.1      | 4.9  | 6.0  |
| Cholecystectomy.....                       | 34              | 8.8                 | 2.3  | ---- | 8.8     | 4.1  | ---- | 8.8      | 5.5  | ---- |
| Hysterectomy.....                          | 15              | 0.0                 | 0.4  | ---- | 0.0     | 1.1  | ---- | 0.0      | 2.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# OAK PARK HOSPITAL

Medicare Provider Number: 140063

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 61.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.2 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 16.3 %  
Admitted for emergency..... 50.9 %

### COMORBIDITIES:

Cancer..... 8.3 %  
Chronic cardiovascular disease..... 42.5 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 33.0 %  
Cerebrovascular degeneration..... 2.9 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 92.8%  
State ..... 5.7%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 215  
Occupancy Rate ..... 66.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 55.4 %  
Case Mix Index (CMI) ..... 1.2447

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 124  
Licensed Practical Nurses ..... 26

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# OUR LADY OF THE RESURRECTION MED CENTER

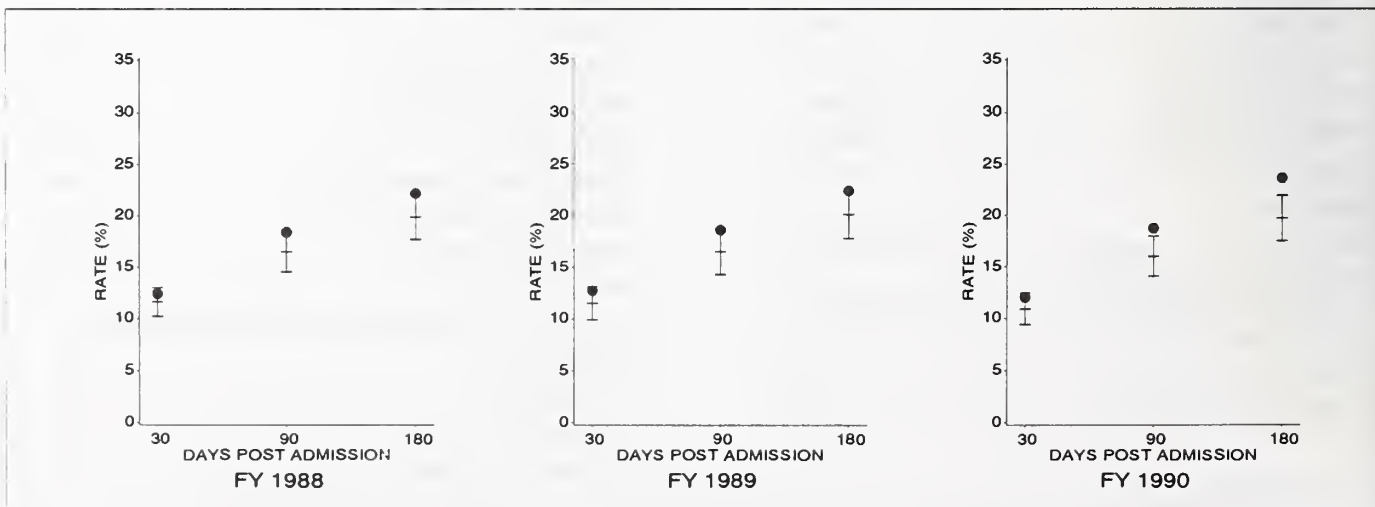
5645 W ADDISON  
CHICAGO, IL 60634  
Medicare Provider Number: 140251

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2620            | 12.0                | 10.9 | 0.8  | 18.7    | 16.0 | 1.0  | 23.6     | 19.7 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 94              | 28.7                | 27.7 | 5.5  | 35.1    | 30.5 | 6.7  | 39.4     | 33.3 | 8.2  |
| Congestive Heart Failure.....              | 208             | 18.8                | 15.0 | 4.0  | 26.9    | 23.5 | 4.2  | 33.2     | 29.6 | 4.6  |
| Pneumonia/Influenza.....                   | 105             | 16.2                | 16.1 | 3.6  | 25.7    | 21.7 | 5.4  | 28.6     | 25.3 | 6.0  |
| Chronic Obstructive Pulmonary Disease..... | 46              | 17.4                | 12.0 | ---- | 26.1    | 19.8 | ---- | 28.3     | 25.1 | ---- |
| Transient Cerebral Ischemia.....           | 43              | 2.3                 | 2.1  | ---- | 4.7     | 4.6  | ---- | 9.3      | 7.4  | ---- |
| Stroke.....                                | 141             | 26.2                | 22.3 | 4.3  | 34.8    | 29.2 | 5.4  | 43.3     | 33.1 | 6.7  |
| Hip Fracture.....                          | 91              | 6.6                 | 6.4  | 2.6  | 12.1    | 11.2 | 3.4  | 15.4     | 14.4 | 4.2  |
| Sepsis.....                                | 32              | 31.3                | 27.3 | ---- | 34.4    | 35.2 | ---- | 40.6     | 39.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 11              | 9.1                 | 6.6  | ---- | 9.1     | 11.9 | ---- | 18.2     | 15.9 | ---- |
| Carotid Endarterectomy.....                | 13              | 7.7                 | 1.6  | ---- | 7.7     | 3.0  | ---- | 7.7      | 4.4  | ---- |
| Hip Replacement/Reconstruction.....        | 38              | 2.6                 | 5.1  | ---- | 5.3     | 9.3  | ---- | 10.5     | 12.2 | ---- |
| Open Reduction of Hip Fracture.....        | 53              | 3.8                 | 5.1  | 3.7  | 11.3    | 9.3  | 5.2  | 13.2     | 12.3 | 4.7  |
| Prostatectomy.....                         | 104             | 1.9                 | 1.8  | 1.7  | 4.8     | 4.2  | 2.7  | 9.6      | 6.9  | 3.6  |
| Cholecystectomy.....                       | 42              | 2.4                 | 4.0  | ---- | 9.5     | 6.0  | ---- | 11.9     | 7.3  | ---- |
| Hysterectomy.....                          | 11              | 0.0                 | 2.7  | ---- | 27.3    | 5.5  | ---- | 27.3     | 7.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# OUR LADY OF THE RESURRECTION MED CENTER

Medicare Provider Number: 140251

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.3 years  
Proportion female..... 57.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 27.4 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 10.6 %  
Admitted for emergency..... 71.5 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 41.9 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 12.3 %  
Cerebrovascular degeneration..... 3.0 %  
Diabetes mellitus..... 6.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 96.7%  
State..... 1.8%  
Outside State..... 1.5%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 10.6 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 288  
Occupancy Rate..... 68.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 31.3 %  
Case Mix Index (CMI)..... 1.2778

### STAFFING:

Total Number of Physicians..... 171  
Percent of Physicians Board  
Certified Specialists..... 63.2 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 208  
Licensed Practical Nurses..... 14

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# PALOS COMMUNITY HOSPITAL

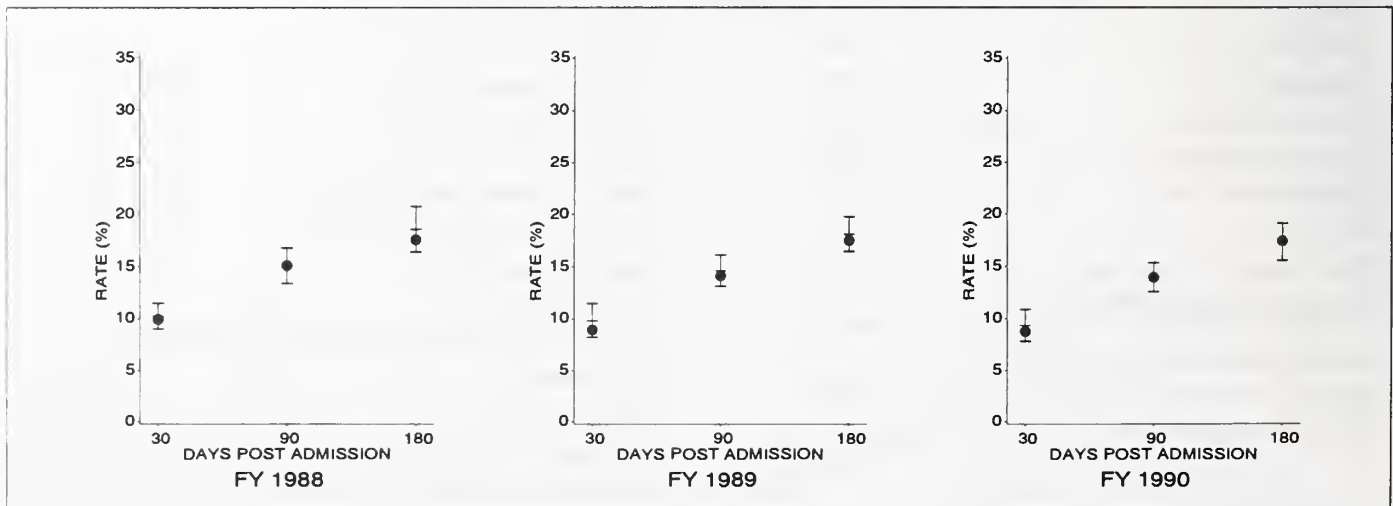
80TH AVE AT MCCARTHY AVE  
PALOS HEIGHTS, IL 60463  
Medicare Provider Number: 140062

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2849            | 8.7                 | 9.3  | 0.8  | 13.9    | 13.9 | 0.7  | 17.4     | 17.3 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 76              | 34.2                | 26.0 | 10.9 | 36.8    | 29.0 | 11.1 | 40.8     | 31.8 | 11.5 |
| Congestive Heart Failure.....              | 161             | 16.1                | 15.3 | 2.9  | 24.8    | 24.0 | 3.5  | 31.1     | 30.2 | 3.7  |
| Pneumonia/Influenza.....                   | 168             | 18.5                | 18.2 | 3.3  | 28.6    | 24.5 | 5.0  | 33.3     | 28.7 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 61              | 1.6                 | 9.4  | 5.3  | 9.8     | 15.8 | 6.6  | 14.8     | 20.6 | 6.2  |
| Transient Cerebral Ischemia.....           | 48              | 2.1                 | 1.9  | ---- | 4.2     | 4.2  | ---- | 8.3      | 6.6  | ---- |
| Stroke.....                                | 100             | 19.0                | 19.3 | 4.6  | 29.0    | 25.8 | 6.9  | 31.0     | 29.6 | 7.8  |
| Hip Fracture.....                          | 59              | 0.0                 | 7.1  | 7.7  | 3.4     | 12.2 | 9.5  | 10.2     | 15.9 | 7.0  |
| Sepsis.....                                | 52              | 25.0                | 23.3 | 8.7  | 34.6    | 31.2 | 6.9  | 40.4     | 36.1 | 7.2  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 14              | 7.1                 | 4.2  | ---- | 14.3    | 7.9  | ---- | 28.6     | 10.9 | ---- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.4  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.2  | ---- |
| Hip Replacement/Reconstruction.....        | 42              | 0.0                 | 3.9  | ---- | 2.4     | 7.1  | ---- | 2.4      | 9.5  | ---- |
| Open Reduction of Hip Fracture.....        | 33              | 0.0                 | 7.1  | ---- | 3.0     | 12.5 | ---- | 15.2     | 16.4 | ---- |
| Prostatectomy.....                         | 147             | 1.4                 | 0.9  | 1.0  | 3.4     | 2.0  | 1.8  | 3.4      | 3.5  | 1.7  |
| Cholecystectomy.....                       | 51              | 2.0                 | 2.6  | 2.5  | 2.0     | 4.6  | 3.7  | 3.9      | 6.0  | 4.0  |
| Hysterectomy.....                          | 16              | 0.0                 | 1.4  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PALOS COMMUNITY HOSPITAL

Medicare Provider Number: 140062

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.0 years  
Proportion female..... 58.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.1 %  
Transferred from skilled nursing facility..... 2.9 %  
Admitted for elective procedure..... 16.2 %  
Admitted for emergency..... 60.0 %

### COMORBIDITIES:

Cancer..... 6.8 %  
Chronic cardiovascular disease..... 41.7 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 17.9 %  
Cerebrovascular degeneration..... 2.2 %  
Diabetes mellitus..... 8.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.8%  
State ..... 6.2%  
Outside State ..... 3.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 361  
Occupancy Rate ..... 73.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 28.5 %  
Case Mix Index (CMI) ..... 1.2565

### STAFFING:

Total Number of Physicians..... 281  
Percent of Physicians Board  
Certified Specialists ..... 80.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 480  
Licensed Practical Nurses ..... 25

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PANA COMMUNITY HOSPITAL

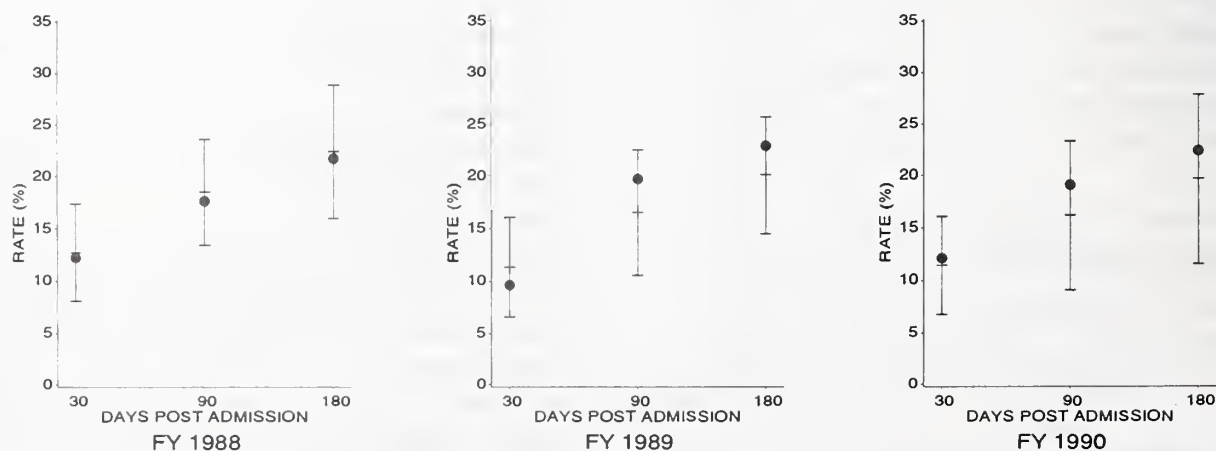
101 E NINTH STREET  
PANA, IL 62557  
Medicare Provider Number: 140271

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 272             | 12.1                | 11.4 | 2.3  | 19.1    | 16.2 | 3.6  | 22.4     | 19.7 | 4.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 19              | 31.6                | 32.1 | ---- | 42.1    | 35.8 | ---- | 42.1     | 39.2 | ---- |
| Congestive Heart Failure.....              | 23              | 13.0                | 15.3 | ---- | 21.7    | 24.1 | ---- | 21.7     | 30.3 | ---- |
| Pneumonia/Influenza.....                   | 34              | 17.6                | 13.8 | ---- | 20.6    | 19.0 | ---- | 23.5     | 22.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 11.1                | 8.2  | ---- | 11.1    | 13.7 | ---- | 22.2     | 18.2 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.4  | ---- |
| Stroke.....                                | 9               | 44.4                | 19.8 | ---- | 55.6    | 24.6 | ---- | 66.7     | 28.1 | ---- |
| Hip Fracture.....                          | 4               | 25.0                | 10.7 | ---- | 25.0    | 18.4 | ---- | 50.0     | 22.5 | ---- |
| Sepsis.....                                | 6               | 16.7                | 22.2 | ---- | 33.3    | 33.7 | ---- | 33.3     | 40.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 2.7  | ---- | 0.0     | 5.2  | ---- | 0.0      | 6.7  | ---- |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 2               | 0.0                 | 2.0  | ---- | 0.0     | 3.5  | ---- | 0.0      | 4.5  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 1.8  | ---- | 0.0     | 3.8  | ---- | 50.0     | 6.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PANA COMMUNITY HOSPITAL

Medicare Provider Number: 140271

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.3 years  
Proportion female..... 63.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.1 %  
Transferred from skilled nursing facility..... 2.9 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 46.0 %

### COMORBIDITIES:

Cancer..... 3.7 %  
Chronic cardiovascular disease..... 39.7 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 1.1 %  
Chronic pulmonary disease..... 15.4 %  
Cerebrovascular degeneration..... 6.3 %  
Diabetes mellitus..... 7.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 64.3%  
State ..... 34.9%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 60  
Occupancy Rate ..... 26.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 37.5 %  
Case Mix Index (CMI) ..... 1.0433

### STAFFING:

Total Number of Physicians..... 9  
Percent of Physicians Board  
Certified Specialists ..... 22.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 32  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# PARIS COMMUNITY HOSPITAL

EAST COURT STREET

PARIS, IL 61944

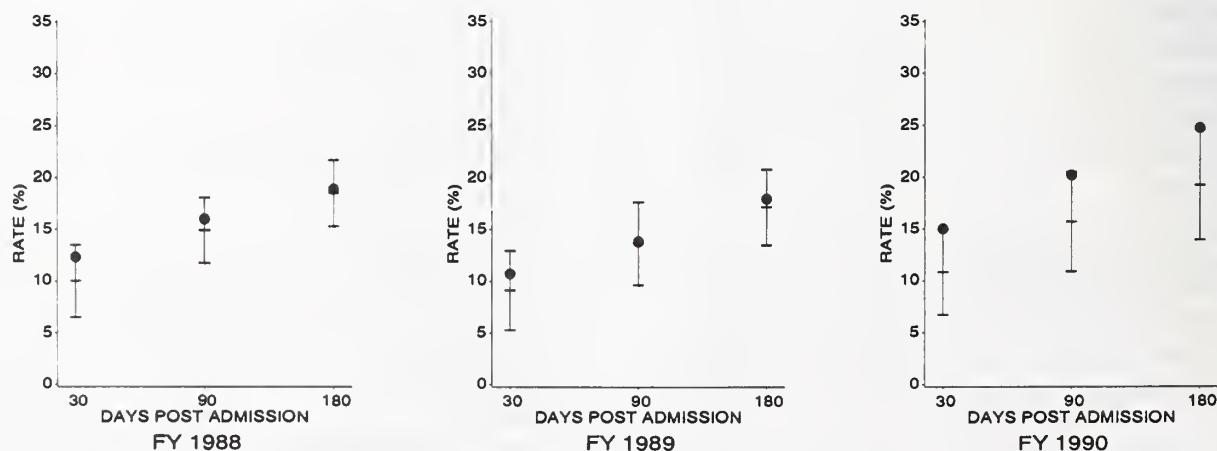
Medicare Provider Number: 140031

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 481             | 15.0                | 10.8 | 2.0   | 20.2    | 15.7 | 2.4   | 24.7     | 19.2 | 2.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 18              | 16.7                | 23.4 | ----- | 22.2    | 26.4 | ----- | 27.8     | 29.1 | ----- |
| Congestive Heart Failure.....              | 50              | 22.0                | 15.3 | ----- | 32.0    | 23.7 | ----- | 36.0     | 29.8 | ----- |
| Pneumonia/Influenza.....                   | 42              | 26.2                | 17.0 | ----- | 31.0    | 23.2 | ----- | 38.1     | 27.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 40.0                | 9.4  | ----- | 40.0    | 16.3 | ----- | 40.0     | 22.1 | ----- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.2  | ----- | 0.0     | 2.8  | ----- | 0.0      | 4.8  | ----- |
| Stroke.....                                | 31              | 32.3                | 23.6 | ----- | 38.7    | 30.7 | ----- | 45.2     | 34.8 | ----- |
| Hip Fracture.....                          | 18              | 11.1                | 6.9  | ----- | 11.1    | 12.0 | ----- | 11.1     | 15.8 | ----- |
| Sepsis.....                                | 2               | 50.0                | 40.6 | ----- | 50.0    | 51.0 | ----- | 100.0    | 57.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 3.5  | ----- | 0.0     | 6.9  | ----- | 0.0      | 10.0 | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 19              | 10.5                | 1.9  | ----- | 10.5    | 4.2  | ----- | 10.5     | 6.7  | ----- |
| Cholecystectomy.....                       | 11              | 9.1                 | 3.3  | ----- | 9.1     | 4.8  | ----- | 18.2     | 5.9  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 5.0  | ----- | 50.0    | 10.8 | ----- | 50.0     | 16.2 | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PARIS COMMUNITY HOSPITAL

Medicare Provider Number: 140031

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.3 years  
Proportion female..... 58.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 29.5 %  
Transferred from skilled nursing facility..... 2.5 %  
Admitted for elective procedure..... 3.1 %  
Admitted for emergency..... 4.2 %

### COMORBIDITIES:

Cancer..... 4.6 %  
Chronic cardiovascular disease..... 33.7 %  
Chronic liver disease..... 0.2 %  
Chronic renal disease..... 2.5 %  
Chronic pulmonary disease..... 15.4 %  
Cerebrovascular degeneration..... 3.7 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.6%  
State ..... 12.6%  
Outside State ..... 3.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 49  
Occupancy Rate ..... 36.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.0228

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists ..... (Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# PARKSIDE LUTHERAN HOSPITAL

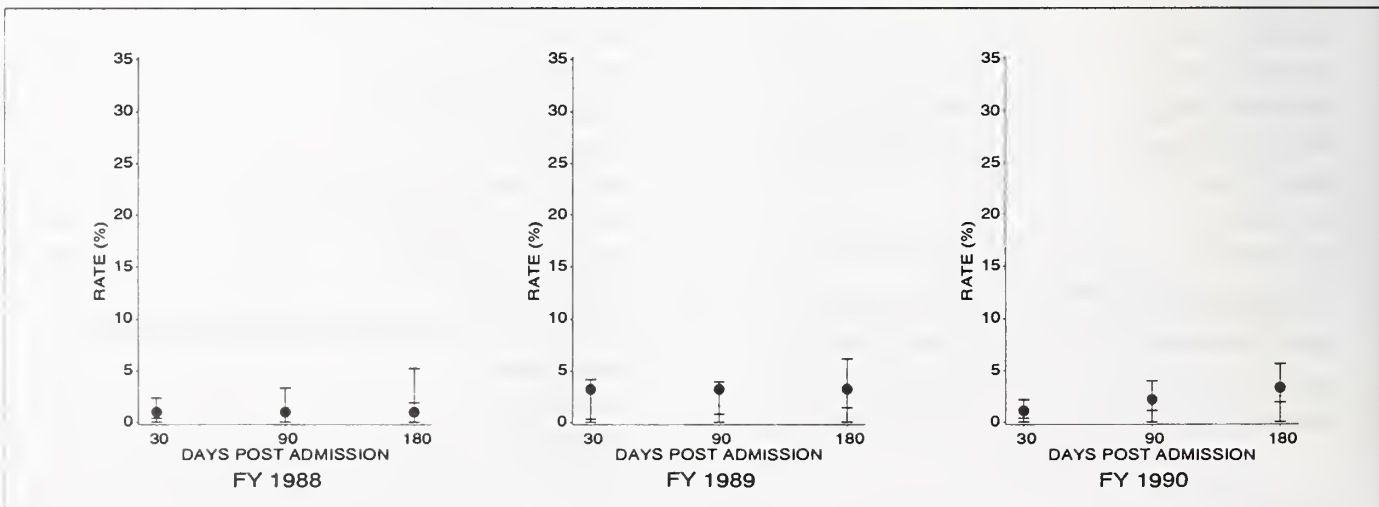
1700 LUTHER LANE  
PARK RIDGE, IL 60068  
Medicare Provider Number: 140299

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |     |         |      |     |          |      |     |
|--------------------------------------------|--------------------|---------------------|------|-----|---------|------|-----|----------|------|-----|
|                                            |                    | 30 DAYS             |      |     | 90 DAYS |      |     | 180 DAYS |      |     |
|                                            |                    | OBS                 | PRED | SD* | OBS     | PRED | SD* | OBS      | PRED | SD* |
| ALL CAUSES.....                            | 92                 | 1.1                 | 0.4  | 0.9 | 2.2     | 1.1  | 1.4 | 3.3      | 1.9  | 1.8 |
| CONDITIONS:                                |                    |                     |      |     |         |      |     |          |      |     |
| Acute Myocardial Infarction.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Congestive Heart Failure.....              | 0                  |                     |      |     |         |      |     |          |      |     |
| Pneumonia/Influenza.....                   | 0                  |                     |      |     |         |      |     |          |      |     |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |     |         |      |     |          |      |     |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Stroke.....                                | 0                  |                     |      |     |         |      |     |          |      |     |
| Hip Fracture.....                          | 0                  |                     |      |     |         |      |     |          |      |     |
| Sepsis.....                                | 0                  |                     |      |     |         |      |     |          |      |     |
| PROCEDURES:                                |                    |                     |      |     |         |      |     |          |      |     |
| Angioplasty.....                           | 0                  |                     |      |     |         |      |     |          |      |     |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |     |         |      |     |          |      |     |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Carotid Endarterectomy.....                | 0                  |                     |      |     |         |      |     |          |      |     |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |     |         |      |     |          |      |     |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |     |         |      |     |          |      |     |
| Prostatectomy.....                         | 0                  |                     |      |     |         |      |     |          |      |     |
| Cholecystectomy.....                       | 0                  |                     |      |     |         |      |     |          |      |     |
| Hysterectomy.....                          | 0                  |                     |      |     |         |      |     |          |      |     |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PARKSIDE LUTHERAN HOSPITAL

Medicare Provider Number: 140299

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 55.5 years |
| Proportion female.....        | 28.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 98.9 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 97.8 % |
| Admitted for emergency.....                    | 1.1 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 0.0 %  |
| Chronic cardiovascular disease..... | 6.5 %  |
| Chronic liver disease.....          | 12.0 % |
| Chronic renal disease.....          | 0.0 %  |
| Chronic pulmonary disease.....      | 7.6 %  |
| Cerebrovascular degeneration.....   | 27.2 % |
| Diabetes mellitus.....              | 0.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 47.8%  |
| State .....         | 18.9%  |
| Outside State ..... | 33.3%  |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 18.0 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 88                  |
| Occupancy Rate .....       | 75.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 0.9976              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 72     |
| Percent of Physicians Board<br>Certified Specialists ..... | 87.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 23     |
| Licensed Practical Nurses .....                            | 0      |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# PASSAVANT AREA HOSPITAL

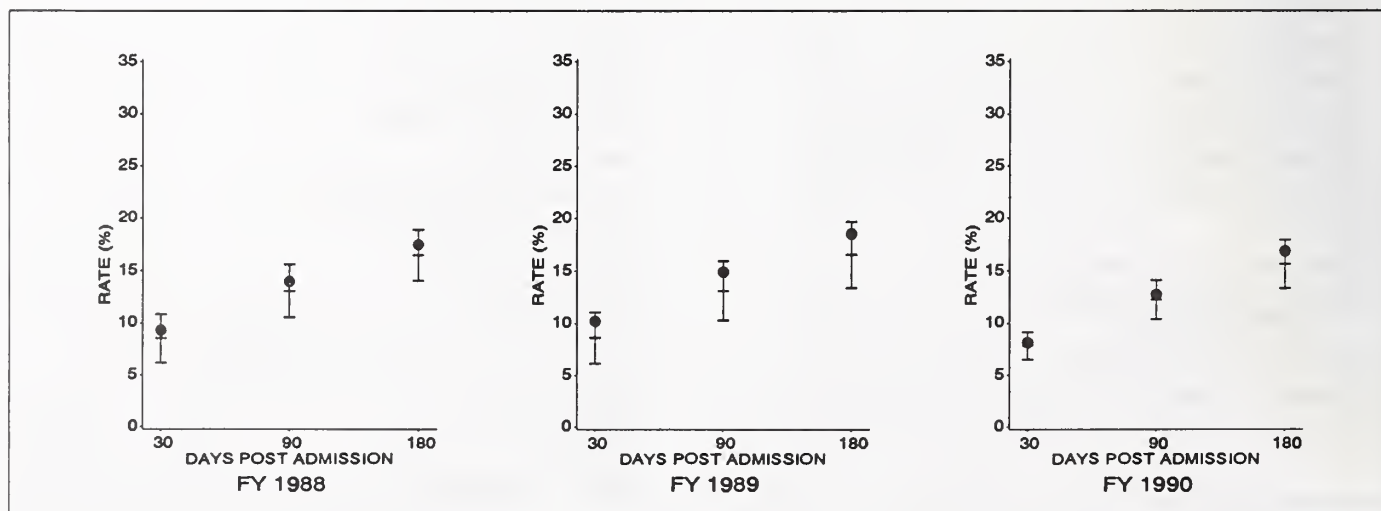
1600 W WALNUT ST  
JACKSONVILLE, IL 62650  
Medicare Provider Number: 140058

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1742               | 8.1                 | 7.8  | 0.7   | 12.7    | 12.2 | 0.9   | 16.8     | 15.6 | 1.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 36                 | 30.6                | 23.9 | ----- | 33.3    | 26.8 | ----- | 41.7     | 29.5 | ----- |
| Congestive Heart Failure.....              | 93                 | 14.0                | 15.8 | 5.0   | 25.8    | 24.5 | 5.2   | 32.3     | 31.3 | 5.1   |
| Pneumonia/Influenza.....                   | 120                | 20.8                | 17.9 | 5.9   | 30.0    | 24.7 | 6.9   | 34.2     | 29.3 | 6.2   |
| Chronic Obstructive Pulmonary Disease..... | 32                 | 9.4                 | 7.6  | ----- | 9.4     | 14.0 | ----- | 15.6     | 18.7 | ----- |
| Transient Cerebral Ischemia.....           | 51                 | 0.0                 | 2.1  | 3.0   | 3.9     | 4.9  | 3.4   | 3.9      | 8.0  | 7.4   |
| Stroke.....                                | 45                 | 11.1                | 17.1 | ----- | 20.0    | 22.0 | ----- | 26.7     | 25.6 | ----- |
| Hip Fracture.....                          | 63                 | 11.1                | 7.3  | 5.7   | 15.9    | 13.0 | 7.0   | 19.0     | 17.0 | 7.2   |
| Sepsis.....                                | 8                  | 25.0                | 20.1 | ----- | 37.5    | 29.0 | ----- | 37.5     | 33.7 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 10                 | 0.0                 | 2.2  | ----- | 0.0     | 4.3  | ----- | 0.0      | 6.5  | ----- |
| Carotid Endarterectomy.....                | 2                  | 50.0                | 1.9  | ----- | 50.0    | 3.8  | ----- | 50.0     | 5.6  | ----- |
| Hip Replacement/Reconstruction.....        | 26                 | 3.8                 | 5.0  | ----- | 7.7     | 9.1  | ----- | 7.7      | 12.3 | ----- |
| Open Reduction of Hip Fracture.....        | 36                 | 13.9                | 6.8  | ----- | 19.4    | 12.6 | ----- | 25.0     | 16.6 | ----- |
| Prostatectomy.....                         | 41                 | 0.0                 | 1.5  | ----- | 2.4     | 3.4  | ----- | 2.4      | 5.5  | ----- |
| Cholecystectomy.....                       | 38                 | 0.0                 | 2.9  | ----- | 2.6     | 5.4  | ----- | 2.6      | 7.1  | ----- |
| Hysterectomy.....                          | 12                 | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.5  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PASSAVANT AREA HOSPITAL

Medicare Provider Number: 140058

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 60.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 20.8 %  
Transferred from skilled nursing facility..... 3.4 %  
Admitted for elective procedure..... 2.0 %  
Admitted for emergency..... 13.7 %

### COMORBIDITIES:

Cancer..... 4.4 %  
Chronic cardiovascular disease..... 34.0 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 17.3 %  
Cerebrovascular degeneration..... 3.9 %  
Diabetes mellitus..... 6.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 59.7%  
State ..... 39.3%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 168  
Occupancy Rate ..... 54.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 50.3 %  
Case Mix Index (CMI) ..... 1.0535

### STAFFING:

Total Number of Physicians..... 49  
Percent of Physicians Board  
Certified Specialists..... 67.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 130  
Licensed Practical Nurses ..... 58

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PEKIN MEMORIAL HOSPITAL

COURT AND 14TH STREET

PEKIN, IL 61554

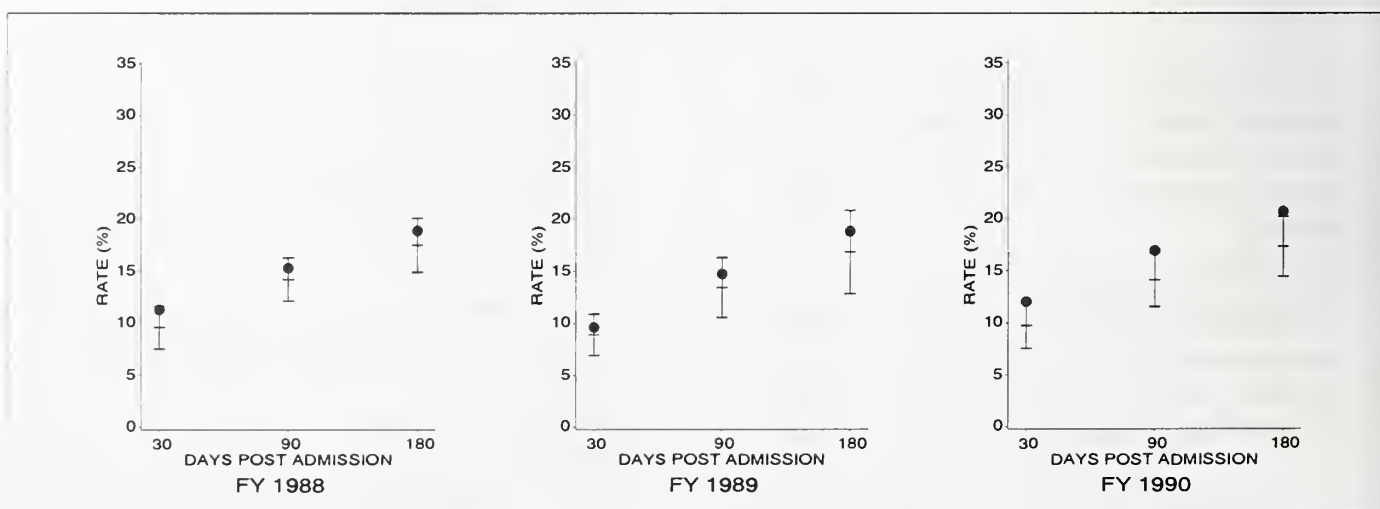
Medicare Provider Number: 140120

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1167               | 12.0                | 9.7  | 1.1  | 16.9    | 14.1 | 1.3  | 20.7     | 17.3 | 1.5  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 38                 | 28.9                | 30.1 | ---- | 31.6    | 32.9 | ---- | 42.1     | 35.8 | ---- |
| Congestive Heart Failure.....              | 72                 | 23.6                | 14.5 | 6.8  | 36.1    | 22.7 | 8.0  | 44.4     | 28.6 | 9.1  |
| Pneumonia/Influenza.....                   | 62                 | 14.5                | 15.1 | 4.6  | 21.0    | 20.6 | 5.1  | 29.0     | 24.8 | 6.5  |
| Chronic Obstructive Pulmonary Disease..... | 21                 | 0.0                 | 7.3  | ---- | 0.0     | 13.1 | ---- | 4.8      | 17.6 | ---- |
| Transient Cerebral Ischemia.....           | 17                 | 5.9                 | 1.5  | ---- | 11.8    | 3.4  | ---- | 11.8     | 5.7  | ---- |
| Stroke.....                                | 47                 | 29.8                | 21.3 | ---- | 38.3    | 28.2 | ---- | 38.3     | 32.5 | ---- |
| Hip Fracture.....                          | 36                 | 8.3                 | 5.7  | ---- | 11.1    | 10.2 | ---- | 13.9     | 13.4 | ---- |
| Sepsis.....                                | 11                 | 36.4                | 34.1 | ---- | 45.5    | 40.7 | ---- | 45.5     | 44.8 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2                  | 0.0                 | 2.3  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.6  | ---- |
| Carotid Endarterectomy.....                | 9                  | 0.0                 | 1.1  | ---- | 0.0     | 2.0  | ---- | 0.0      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 27                 | 0.0                 | 2.6  | ---- | 3.7     | 5.1  | ---- | 7.4      | 7.2  | ---- |
| Open Reduction of Hip Fracture.....        | 19                 | 15.8                | 6.2  | ---- | 15.8    | 11.2 | ---- | 15.8     | 14.5 | ---- |
| Prostatectomy.....                         | 28                 | 0.0                 | 0.9  | ---- | 0.0     | 2.0  | ---- | 3.6      | 3.5  | ---- |
| Cholecystectomy.....                       | 23                 | 4.3                 | 1.1  | ---- | 4.3     | 2.1  | ---- | 8.7      | 2.9  | ---- |
| Hysterectomy.....                          | 9                  | 0.0                 | 0.6  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PEKIN MEMORIAL HOSPITAL

Medicare Provider Number: 140120

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 59.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.5 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 16.5 %  
Admitted for emergency..... 13.5 %

### COMORBIDITIES:

Cancer..... 5.7 %  
Chronic cardiovascular disease..... 34.0 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 0.7 %  
Chronic pulmonary disease..... 14.5 %  
Cerebrovascular degeneration..... 5.4 %  
Diabetes mellitus..... 9.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 86.3%  
State ..... 12.1%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 178  
Occupancy Rate ..... 42.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 40.4 %  
Case Mix Index (CMI) ..... 1.1869

### STAFFING:

Total Number of Physicians..... 51  
Percent of Physicians Board  
Certified Specialists..... 74.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 88  
Licensed Practical Nurses ..... 15

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PERRY MEMORIAL HOSPITAL

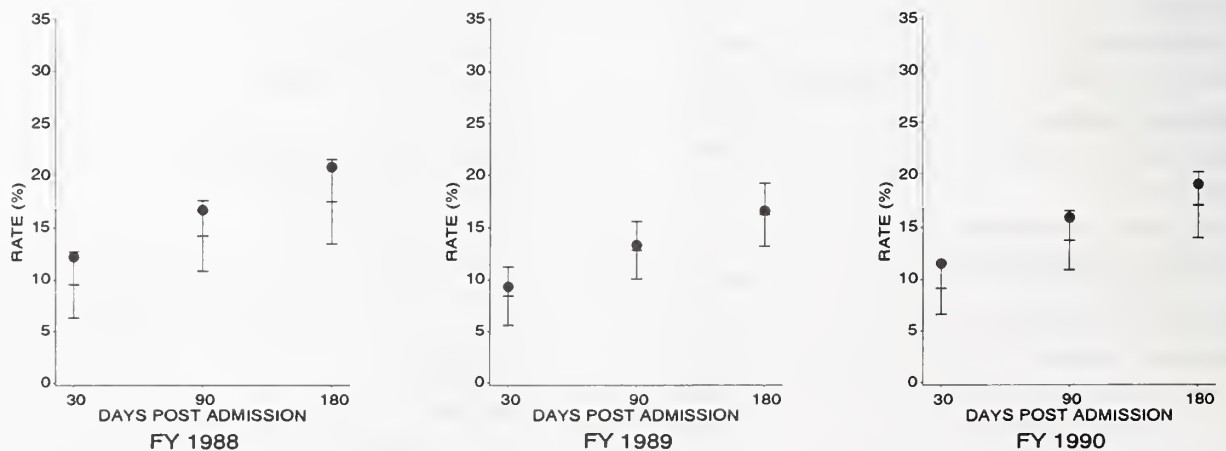
530 PARK AVENUE E  
PRINCETON, IL 61356  
Medicare Provider Number: 140027

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 816                | 11.5                | 9.1  | 1.3   | 15.9    | 13.7 | 1.4   | 19.1     | 17.1 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23                 | 43.5                | 34.4 | ----- | 47.8    | 37.4 | ----- | 47.8     | 40.4 | ----- |
| Congestive Heart Failure.....              | 48                 | 16.7                | 13.4 | ----- | 20.8    | 21.2 | ----- | 25.0     | 27.2 | ----- |
| Pneumonia/Influenza.....                   | 39                 | 17.9                | 16.7 | ----- | 23.1    | 23.2 | ----- | 25.6     | 27.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 16                 | 18.8                | 7.3  | ----- | 18.8    | 12.5 | ----- | 18.8     | 16.9 | ----- |
| Transient Cerebral Ischemia.....           | 10                 | 10.0                | 1.2  | ----- | 10.0    | 2.9  | ----- | 10.0     | 5.0  | ----- |
| Stroke.....                                | 31                 | 25.8                | 18.6 | ----- | 32.3    | 24.8 | ----- | 38.7     | 28.6 | ----- |
| Hip Fracture.....                          | 30                 | 10.0                | 6.3  | ----- | 16.7    | 11.2 | ----- | 20.0     | 14.7 | ----- |
| Sepsis.....                                | 21                 | 9.5                 | 21.5 | ----- | 23.8    | 26.9 | ----- | 28.6     | 30.5 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 4                  | 0.0                 | 0.6  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.8  | ----- |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 29                 | 6.9                 | 4.8  | ----- | 13.8    | 8.8  | ----- | 17.2     | 11.9 | ----- |
| Prostatectomy.....                         | 20                 | 5.0                 | 1.6  | ----- | 15.0    | 3.6  | ----- | 15.0     | 5.9  | ----- |
| Cholecystectomy.....                       | 27                 | 11.1                | 3.3  | ----- | 11.1    | 6.5  | ----- | 11.1     | 9.1  | ----- |
| Hysterectomy.....                          | 4                  | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PERRY MEMORIAL HOSPITAL

Medicare Provider Number: 140027

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 60.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.8 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 10.3 %  
Admitted for emergency..... 4.4 %

### COMORBIDITIES:

Cancer..... 7.2 %  
Chronic cardiovascular disease..... 38.5 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 9.8 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 7.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 82.4%  
State ..... 16.6%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 97  
Occupancy Rate ..... 50.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 40.5 %  
Case Mix Index (CMI) ..... 1.0842

### STAFFING:

Total Number of Physicians..... 20  
Percent of Physicians Board  
Certified Specialists..... 75.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 75  
Licensed Practical Nurses ..... 5

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# PINCKNEYVILLE COMMUNITY HOSPITAL

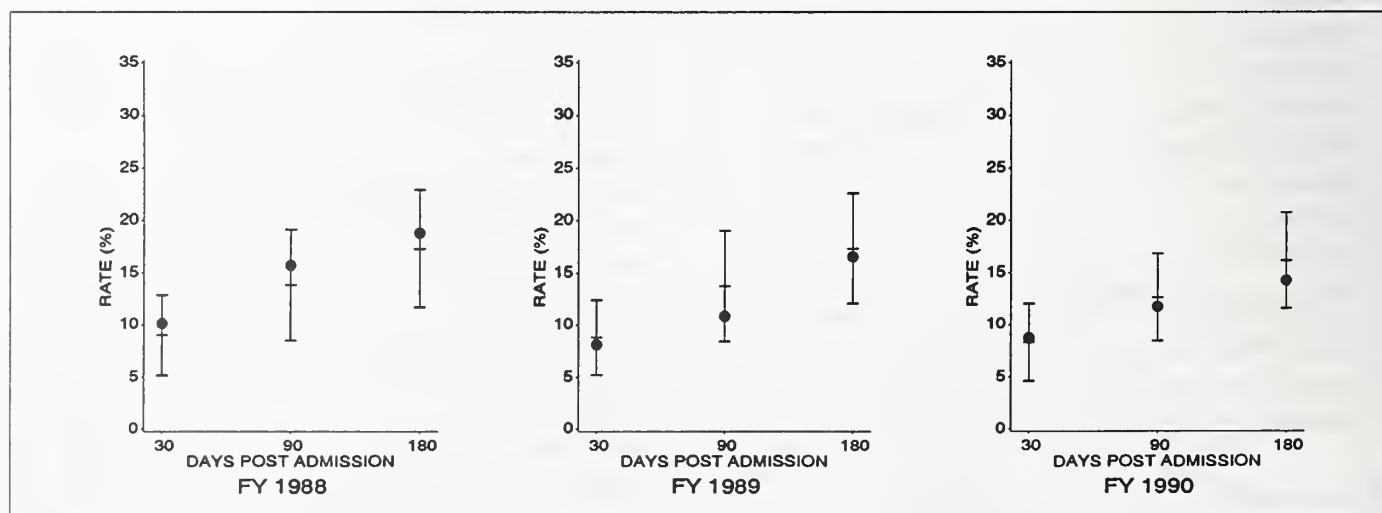
101 NORTH WALNUT STREET  
PINCKNEYVILLE, IL 62274  
Medicare Provider Number: 140055

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 332                | 8.7                 | 8.3  | 1.9   | 11.7    | 12.6 | 2.1   | 14.2     | 16.1 | 2.3   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 11                 | 27.3                | 28.2 | ----- | 27.3    | 31.0 | ----- | 27.3     | 33.8 | ----- |
| Congestive Heart Failure.....              | 15                 | 46.7                | 13.4 | ----- | 53.3    | 21.8 | ----- | 53.3     | 28.9 | ----- |
| Pneumonia/Influenza.....                   | 26                 | 7.7                 | 15.8 | ----- | 11.5    | 22.1 | ----- | 15.4     | 26.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9                  | 0.0                 | 5.7  | ----- | 11.1    | 10.4 | ----- | 22.2     | 14.6 | ----- |
| Transient Cerebral Ischemia.....           | 6                  | 0.0                 | 1.1  | ----- | 0.0     | 2.5  | ----- | 0.0      | 4.3  | ----- |
| Stroke.....                                | 9                  | 33.3                | 19.5 | ----- | 33.3    | 25.4 | ----- | 33.3     | 29.5 | ----- |
| Hip Fracture.....                          | 1                  | 0.0                 | 4.1  | ----- | 100.0   | 7.9  | ----- | 100.0    | 10.3 | ----- |
| Sepsis.....                                | 6                  | 33.3                | 22.8 | ----- | 33.3    | 30.5 | ----- | 33.3     | 34.0 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 8                  | 0.0                 | 1.9  | ----- | 0.0     | 4.4  | ----- | 0.0      | 7.3  | ----- |
| Cholecystectomy.....                       | 4                  | 0.0                 | 1.5  | ----- | 0.0     | 2.7  | ----- | 0.0      | 3.4  | ----- |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PINCKNEYVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 140055

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 57.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 64.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 35.8 %

### COMORBIDITIES:

Cancer..... 7.2 %  
Chronic cardiovascular disease..... 36.7 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 0.9 %  
Chronic pulmonary disease..... 20.5 %  
Cerebrovascular degeneration..... 6.6 %  
Diabetes mellitus..... 6.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 72.9%  
State..... 26.7%  
Outside State..... 0.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.3 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 92  
Occupancy Rate..... 65.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges..... 54.0 %  
Case Mix Index (CMI)..... 0.9977

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# PROCTOR COMMUNITY HOSPITAL

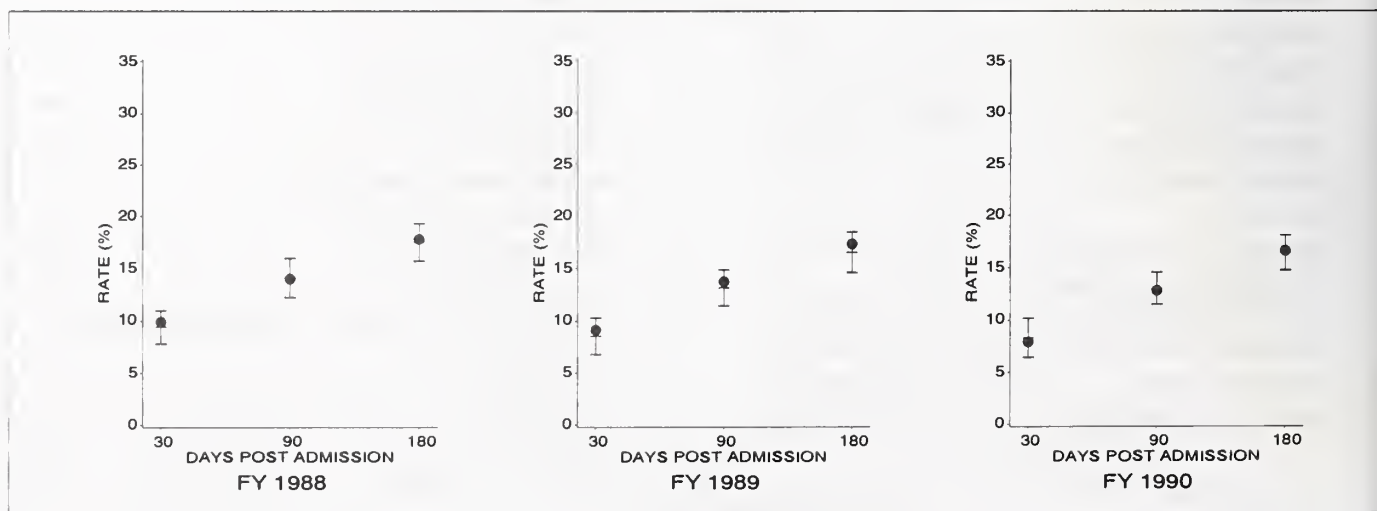
5409 N KNOXVILLE AVE  
PEORIA, IL 61614  
Medicare Provider Number: 140013

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2018            | 7.9                 | 8.3  | 0.9   | 12.8    | 13.0 | 0.8   | 16.6     | 16.4 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 50              | 18.0                | 26.2 | ----- | 22.0    | 28.9 | ----- | 28.0     | 31.5 | ----- |
| Congestive Heart Failure.....              | 100             | 12.0                | 13.4 | 3.8   | 17.0    | 21.2 | 5.8   | 22.0     | 27.1 | 5.8   |
| Pneumonia/Influenza.....                   | 94              | 9.6                 | 13.0 | 4.1   | 17.0    | 18.0 | 4.2   | 19.1     | 21.7 | 4.7   |
| Chronic Obstructive Pulmonary Disease..... | 35              | 0.0                 | 7.5  | ----- | 11.4    | 13.8 | ----- | 17.1     | 18.7 | ----- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.3  | ----- | 0.0     | 2.9  | ----- | 10.5     | 5.0  | ----- |
| Stroke.....                                | 59              | 13.6                | 15.2 | 5.0   | 18.6    | 22.0 | 7.6   | 25.4     | 25.9 | 7.9   |
| Hip Fracture.....                          | 70              | 1.4                 | 6.9  | 4.0   | 5.7     | 12.2 | 5.2   | 12.9     | 16.0 | 5.8   |
| Sepsis.....                                | 19              | 15.8                | 20.6 | ----- | 26.3    | 28.8 | ----- | 47.4     | 33.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 3               | 0.0                 | 3.6  | ----- | 0.0     | 4.2  | ----- | 0.0      | 4.9  | ----- |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 14              | 0.0                 | 1.8  | ----- | 0.0     | 3.7  | ----- | 0.0      | 5.6  | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.2  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.1  | ----- |
| Hip Replacement/Reconstruction.....        | 47              | 0.0                 | 2.8  | ----- | 2.1     | 5.2  | ----- | 4.3      | 7.2  | ----- |
| Open Reduction of Hip Fracture.....        | 31              | 0.0                 | 7.2  | ----- | 3.2     | 13.2 | ----- | 12.9     | 17.4 | ----- |
| Prostatectomy.....                         | 57              | 0.0                 | 0.6  | 1.2   | 0.0     | 1.5  | 2.2   | 1.8      | 2.7  | 2.3   |
| Cholecystectomy.....                       | 47              | 4.3                 | 2.2  | ----- | 8.5     | 4.2  | ----- | 8.5      | 5.7  | ----- |
| Hysterectomy.....                          | 22              | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PROCTOR COMMUNITY HOSPITAL

Medicare Provider Number: 140013

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.2 years |
| Proportion female.....        | 57.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.0 % |
| Transferred from skilled nursing facility..... | 1.9 %  |
| Admitted for elective procedure.....           | 20.4 % |
| Admitted for emergency.....                    | 9.3 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.0 %  |
| Chronic cardiovascular disease..... | 31.7 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 1.4 %  |
| Chronic pulmonary disease.....      | 14.9 % |
| Cerebrovascular degeneration.....   | 5.8 %  |
| Diabetes mellitus.....              | 7.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 62.8%  |
| State .....         | 35.6%  |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 235                 |
| Occupancy Rate .....       | 65.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 39.4 %              |
| Case Mix Index (CMI) ..... | 1.2985              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 127    |
| Percent of Physicians Board<br>Certified Specialists..... | 79.5 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 180    |
| Licensed Practical Nurses .....                           | 23     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# PUBLIC HOSPITAL OF THE TOWN OF SALEM

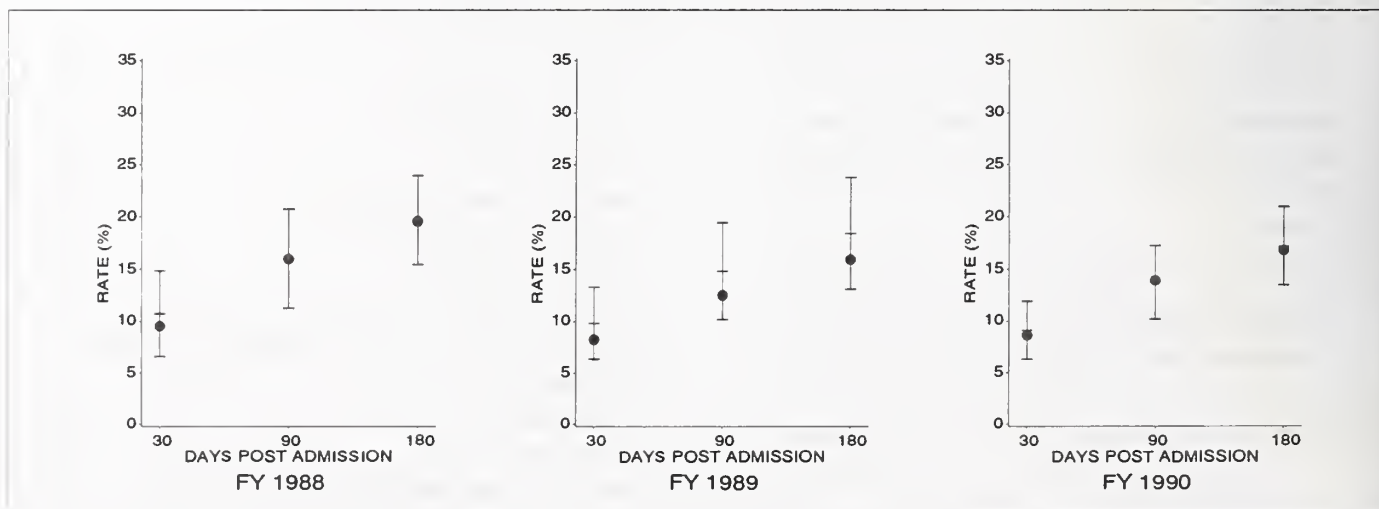
BRYAN MEMORIAL PARK  
SALEM, IL 62881  
Medicare Provider Number: 140165

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 560             | 8.6                 | 9.1  | 1.4  | 13.9    | 13.7 | 1.8  | 16.8     | 17.2 | 1.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 18              | 44.4                | 35.9 | ---- | 44.4    | 39.0 | ---- | 50.0     | 41.7 | ---- |
| Congestive Heart Failure.....              | 29              | 6.9                 | 14.7 | ---- | 20.7    | 23.2 | ---- | 27.6     | 29.7 | ---- |
| Pneumonia/Influenza.....                   | 34              | 20.6                | 14.9 | ---- | 20.6    | 20.0 | ---- | 23.5     | 23.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 19              | 10.5                | 5.5  | ---- | 15.8    | 10.7 | ---- | 15.8     | 15.1 | ---- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 4.3  | ---- | 30.0    | 8.5  | ---- | 30.0     | 12.3 | ---- |
| Stroke.....                                | 23              | 8.7                 | 22.5 | ---- | 17.4    | 29.4 | ---- | 21.7     | 33.7 | ---- |
| Hip Fracture.....                          | 8               | 25.0                | 6.8  | ---- | 37.5    | 12.2 | ---- | 37.5     | 15.5 | ---- |
| Sepsis.....                                | 11              | 27.3                | 27.6 | ---- | 45.5    | 36.3 | ---- | 45.5     | 42.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 2.8  | ---- | 0.0     | 5.9  | ---- | 0.0      | 8.4  | ---- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 6.0  | ---- | 33.3    | 11.8 | ---- | 33.3     | 15.5 | ---- |
| Prostatectomy.....                         | 6               | 0.0                 | 1.2  | ---- | 0.0     | 3.0  | ---- | 16.7     | 5.3  | ---- |
| Cholecystectomy.....                       | 7               | 0.0                 | 1.7  | ---- | 0.0     | 2.9  | ---- | 0.0      | 3.7  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PUBLIC HOSPITAL OF THE TOWN OF SALEM

Medicare Provider Number: 140165

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.6 years |
| Proportion female.....        | 66.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 30.5 % |
| Transferred from skilled nursing facility..... | 1.6 %  |
| Admitted for elective procedure.....           | 2.5 %  |
| Admitted for emergency.....                    | 68.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.4 %  |
| Chronic cardiovascular disease..... | 45.0 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 3.2 %  |
| Chronic pulmonary disease.....      | 24.1 % |
| Cerebrovascular degeneration.....   | 2.5 %  |
| Diabetes mellitus.....              | 8.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.1%  |
| State .....         | 10.8%  |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 50               |
| Occupancy Rate .....       | 52.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 50.8 %           |
| Case Mix Index (CMI) ..... | 1.0449           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 7      |
| Percent of Physicians Board<br>Certified Specialists ..... | 42.9 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 39     |
| Licensed Practical Nurses .....                            | 3      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# RAVENSWOOD HOSPITAL & MEDICAL CENTER

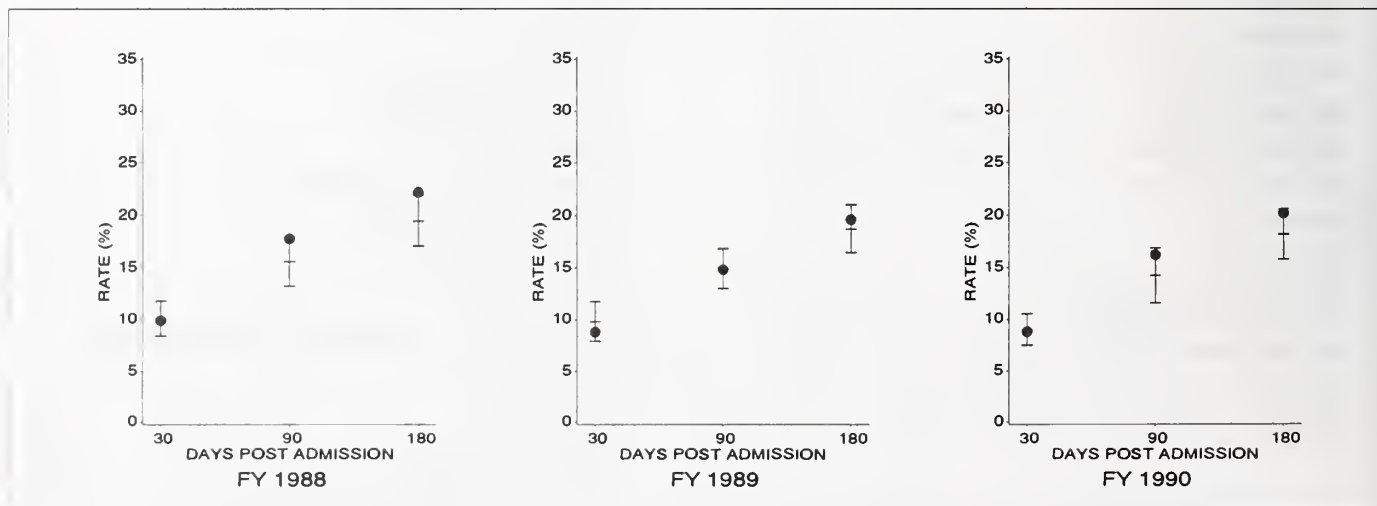
4550 N WINCHESTER  
CHICAGO, IL 60640  
Medicare Provider Number: 140182

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1398            | 8.8                 | 9.0  | 0.8   | 16.2    | 14.2 | 1.3   | 20.2     | 18.2 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 28              | 25.0                | 20.1 | ----- | 28.6    | 22.7 | ----- | 28.6     | 25.4 | ----- |
| Congestive Heart Failure.....              | 82              | 13.4                | 12.7 | 4.6   | 23.2    | 20.1 | 5.0   | 31.7     | 26.1 | 6.3   |
| Pneumonia/Influenza.....                   | 78              | 6.4                 | 12.4 | 5.3   | 17.9    | 17.2 | 4.7   | 19.2     | 20.7 | 4.7   |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 9.6  | ----- | 15.4    | 15.9 | ----- | 23.1     | 20.2 | ----- |
| Transient Cerebral Ischemia.....           | 31              | 3.2                 | 1.7  | ----- | 3.2     | 3.8  | ----- | 3.2      | 6.4  | ----- |
| Stroke.....                                | 58              | 10.3                | 18.9 | 8.4   | 15.5    | 25.6 | 8.8   | 22.4     | 29.4 | 7.6   |
| Hip Fracture.....                          | 40              | 5.0                 | 6.1  | ----- | 7.5     | 11.2 | ----- | 15.0     | 14.8 | ----- |
| Sepsis.....                                | 20              | 35.0                | 24.8 | ----- | 55.0    | 35.9 | ----- | 60.0     | 42.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 9.1                 | 1.6  | ----- | 9.1     | 3.4  | ----- | 9.1      | 5.5  | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 16              | 0.0                 | 3.2  | ----- | 0.0     | 6.2  | ----- | 0.0      | 8.4  | ----- |
| Open Reduction of Hip Fracture.....        | 26              | 7.7                 | 6.0  | ----- | 11.5    | 11.6 | ----- | 23.1     | 15.6 | ----- |
| Prostatectomy.....                         | 32              | 0.0                 | 0.9  | ----- | 6.3     | 2.2  | ----- | 6.3      | 3.7  | ----- |
| Cholecystectomy.....                       | 26              | 0.0                 | 3.6  | ----- | 0.0     | 7.6  | ----- | 3.8      | 11.0 | ----- |
| Hysterectomy.....                          | 11              | 9.1                 | 1.6  | ----- | 18.2    | 3.1  | ----- | 18.2     | 4.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RAVENSWOOD HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 140182

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.8 years  
Proportion female..... 58.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 87.6 %  
Transferred from skilled nursing facility..... 0.9 %  
Admitted for elective procedure..... 22.0 %  
Admitted for emergency..... 54.5 %

### COMORBIDITIES:

Cancer..... 10.2 %  
Chronic cardiovascular disease..... 38.1 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 13.7 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 9.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 97.2%  
State..... 1.4%  
Outside State..... 1.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 10.7 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 320  
Occupancy Rate..... 79.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 32.7 %  
Case Mix Index (CMI)..... 1.2872

### STAFFING:

Total Number of Physicians..... 158  
Percent of Physicians Board  
Certified Specialists..... 79.7 %  
Medical Residents/Interns..... 47  
Registered Nurses..... 319  
Licensed Practical Nurses..... 14

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# RESURRECTION MEDICAL CENTER

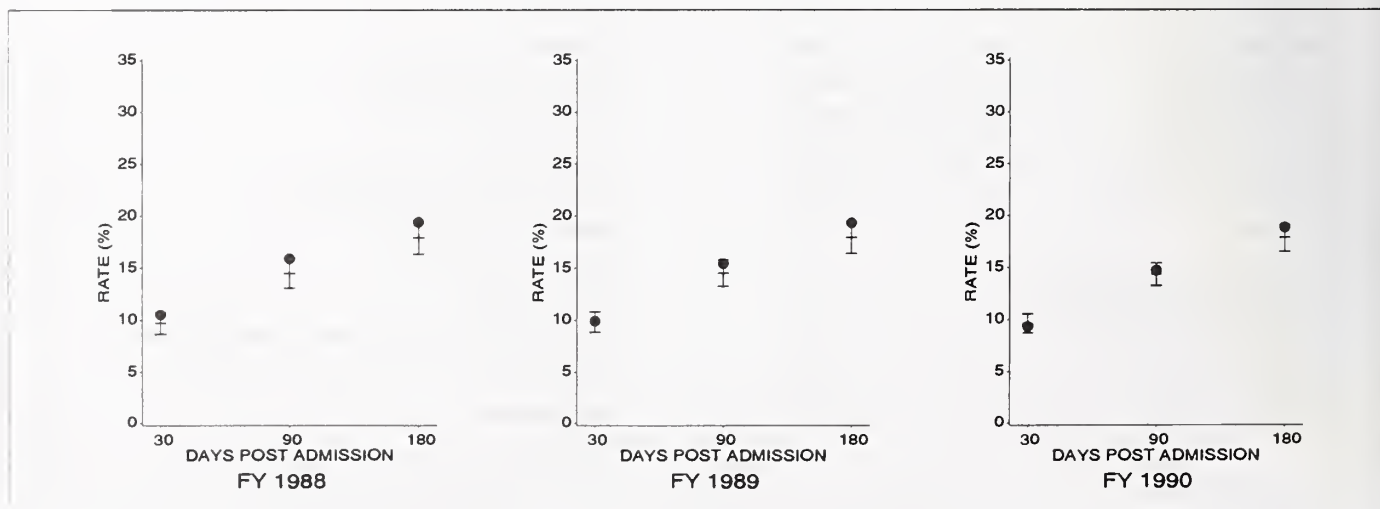
7435 W TALCOTT  
CHICAGO, IL 60631  
Medicare Provider Number: 140117

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4482            | 9.3                 | 9.6  | 0.5   | 14.7    | 14.3 | 0.5   | 18.8     | 17.8 | 0.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 152             | 33.6                | 27.2 | 4.6   | 38.8    | 30.2 | 5.3   | 42.1     | 33.0 | 5.2   |
| Congestive Heart Failure.....              | 280             | 12.1                | 14.0 | 3.1   | 19.3    | 21.9 | 3.3   | 27.1     | 27.9 | 3.3   |
| Pneumonia/Influenza.....                   | 272             | 17.3                | 16.6 | 2.5   | 22.8    | 22.4 | 2.8   | 26.8     | 26.2 | 3.0   |
| Chronic Obstructive Pulmonary Disease..... | 60              | 8.3                 | 9.1  | 4.5   | 18.3    | 15.5 | 5.2   | 21.7     | 20.4 | 6.4   |
| Transient Cerebral Ischemia.....           | 99              | 1.0                 | 1.5  | 1.6   | 2.0     | 3.5  | 2.6   | 2.0      | 5.7  | 3.7   |
| Stroke.....                                | 222             | 18.0                | 21.1 | 3.4   | 21.2    | 27.0 | 3.8   | 27.0     | 30.5 | 3.6   |
| Hip Fracture.....                          | 107             | 4.7                 | 6.8  | 2.8   | 13.1    | 11.7 | 3.5   | 19.6     | 15.1 | 4.5   |
| Sepsis.....                                | 56              | 23.2                | 24.8 | 6.8   | 30.4    | 33.1 | 6.9   | 37.5     | 37.8 | 7.5   |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 54              | 1.9                 | 3.7  | 3.1   | 5.6     | 7.4  | 4.5   | 9.3      | 10.7 | 5.6   |
| Carotid Endarterectomy.....                | 18              | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 72              | 1.4                 | 2.5  | 2.7   | 6.9     | 4.8  | 3.8   | 11.1     | 6.5  | 5.5   |
| Open Reduction of Hip Fracture.....        | 56              | 1.8                 | 6.3  | 4.0   | 8.9     | 11.3 | 4.7   | 16.1     | 14.9 | 5.4   |
| Prostatectomy.....                         | 221             | 0.9                 | 1.1  | 0.8   | 1.8     | 2.5  | 1.3   | 4.1      | 4.2  | 1.5   |
| Cholecystectomy.....                       | 86              | 3.5                 | 2.5  | 2.5   | 5.8     | 4.8  | 2.7   | 7.0      | 6.4  | 2.7   |
| Hysterectomy.....                          | 30              | 0.0                 | 0.4  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# RESURRECTION MEDICAL CENTER

Medicare Provider Number: 140117

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.2 years  
Proportion female..... 58.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.9 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 15.2 %  
Admitted for emergency..... 61.8 %

### COMORBIDITIES:

Cancer..... 8.2 %  
Chronic cardiovascular disease..... 34.3 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 1.9 %  
Chronic pulmonary disease..... 8.6 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 5.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 95.6%  
State ..... 2.5%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 711  
Occupancy Rate ..... 80.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 44.8 %  
Case Mix Index (CMI) ..... 1.1791

### STAFFING:

Total Number of Physicians..... 269  
Percent of Physicians Board  
Certified Specialists..... 91.4 %  
Medical Residents/Interns ..... 30  
Registered Nurses..... 290  
Licensed Practical Nurses ..... 30

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# RICHLAND MEMORIAL HOSPITAL

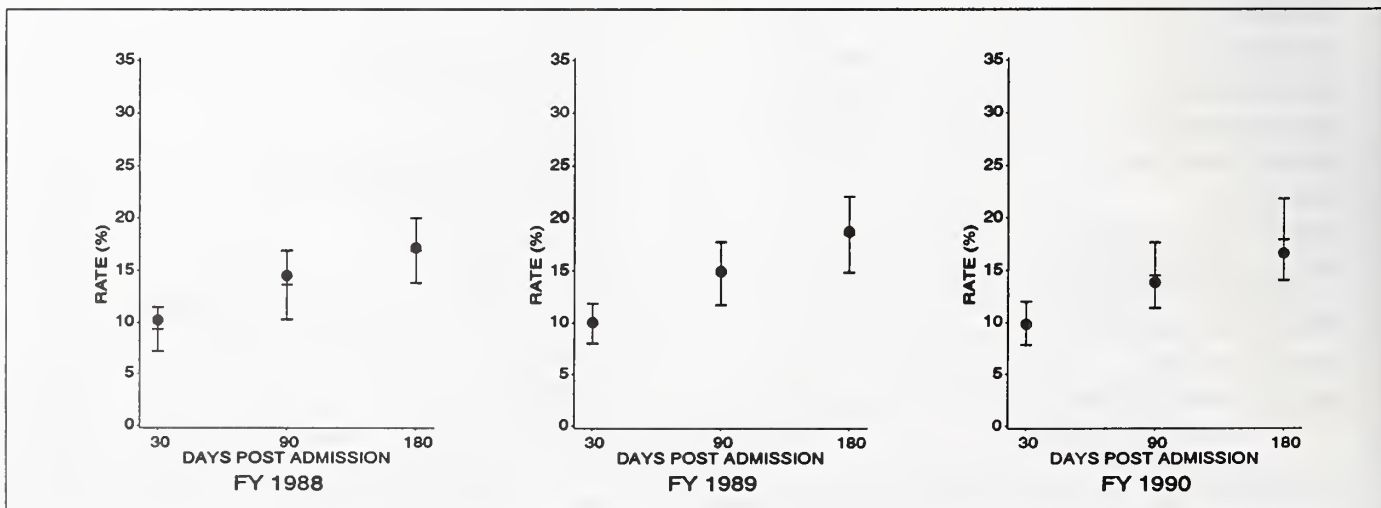
800 EAST LOCUST  
OLNEY, IL 62450  
Medicare Provider Number: 140147

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 919             | 9.8                 | 9.9  | 1.1  | 13.6    | 14.5 | 1.6  | 16.6     | 17.9 | 2.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 40              | 35.0                | 26.9 | ---- | 37.5    | 32.0 | ---- | 42.5     | 34.9 | ---- |
| Congestive Heart Failure.....              | 49              | 6.1                 | 14.1 | ---- | 16.3    | 21.7 | ---- | 22.4     | 27.9 | ---- |
| Pneumonia/Influenza.....                   | 63              | 9.5                 | 16.6 | 6.0  | 14.3    | 22.5 | 7.1  | 14.3     | 26.3 | 8.5  |
| Chronic Obstructive Pulmonary Disease..... | 24              | 8.3                 | 6.9  | ---- | 6.3     | 12.2 | ---- | 12.5     | 16.9 | ---- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.0  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.1  | ---- |
| Stroke.....                                | 37              | 24.3                | 19.8 | ---- | 24.3    | 26.7 | ---- | 24.3     | 30.9 | ---- |
| Hip Fracture.....                          | 32              | 9.4                 | 6.6  | ---- | 12.5    | 11.4 | ---- | 16.6     | 14.5 | ---- |
| Sepsis.....                                | 5               | 60.0                | 29.7 | ---- | 60.0    | 39.5 | ---- | 60.0     | 44.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.6  | ---- | 0.0     | 3.4  | ---- | 0.0      | 5.4  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 17              | 5.9                 | 4.3  | ---- | 17.6    | 7.7  | ---- | 17.6     | 10.4 | ---- |
| Open Reduction of Hip Fracture.....        | 14              | 14.3                | 7.0  | ---- | 14.3    | 12.5 | ---- | 21.4     | 15.6 | ---- |
| Prostatectomy.....                         | 20              | 5.0                 | 0.6  | ---- | 5.0     | 1.7  | ---- | 5.0      | 3.1  | ---- |
| Cholecystectomy.....                       | 17              | 0.0                 | 1.6  | ---- | 0.0     | 3.2  | ---- | 0.0      | 4.1  | ---- |
| Hysterectomy.....                          | 8               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RICHLAND MEMORIAL HOSPITAL

Medicare Provider Number: 140147

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 57.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.7 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 6.9 %  
Admitted for emergency..... 63.4 %

### COMORBIDITIES:

Cancer..... 7.3 %  
Chronic cardiovascular disease..... 37.0 %  
Chronic liver disease..... 0.1 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 13.8 %  
Cerebrovascular degeneration..... 3.7 %  
Diabetes mellitus..... 6.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 48.8%  
State ..... 49.8%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 138  
Occupancy Rate ..... 52.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 48.9 %  
Case Mix Index (CMI) ..... 1.1113

### STAFFING:

Total Number of Physicians..... 27  
Percent of Physicians Board  
Certified Specialists ..... 70.4 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 78  
Licensed Practical Nurses..... 25

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# RIVERSIDE MEDICAL CENTER

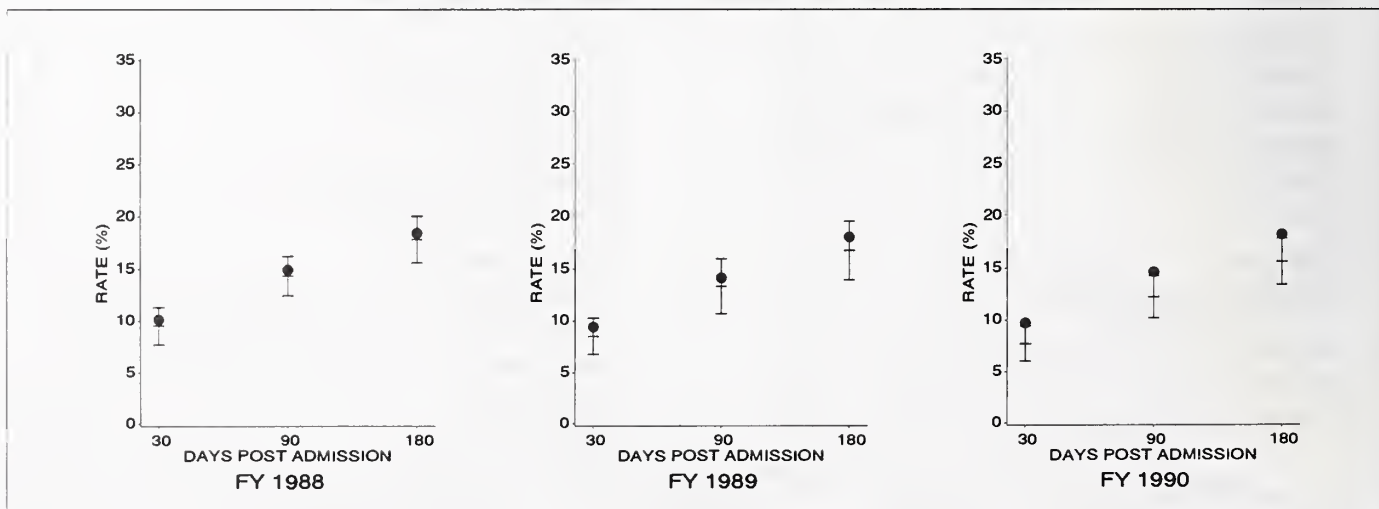
350 N WALL ST  
KANKAKEE, IL 60901  
Medicare Provider Number: 140186

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1856            | 9.7                 | 7.7  | 0.8   | 14.6    | 12.2 | 1.0   | 18.2     | 15.6 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 44              | 27.3                | 20.6 | ----- | 31.8    | 24.7 | ----- | 31.8     | 27.8 | ----- |
| Congestive Heart Failure.....              | 89              | 16.9                | 15.2 | 5.7   | 29.2    | 24.1 | 8.8   | 38.2     | 30.5 | 10.6  |
| Pneumonia/Influenza.....                   | 90              | 20.0                | 14.1 | 6.1   | 26.7    | 19.8 | 6.2   | 30.0     | 23.8 | 5.5   |
| Chronic Obstructive Pulmonary Disease..... | 54              | 3.7                 | 5.5  | 3.5   | 9.3     | 10.2 | 4.2   | 13.0     | 14.4 | 5.7   |
| Transient Cerebral Ischemia.....           | 33              | 3.0                 | 1.7  | ----- | 3.0     | 3.9  | ----- | 3.0      | 6.5  | ----- |
| Stroke.....                                | 70              | 12.9                | 14.7 | 4.4   | 15.7    | 20.4 | 5.4   | 20.0     | 23.9 | 5.5   |
| Hip Fracture.....                          | 56              | 8.9                 | 6.4  | 4.0   | 10.7    | 11.0 | 4.3   | 14.3     | 14.3 | 4.7   |
| Sepsis.....                                | 25              | 24.0                | 20.2 | ----- | 36.0    | 28.1 | ----- | 36.0     | 32.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 16              | 0.0                 | 3.5  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.9  | ----- |
| Carotid Endarterectomy.....                | 13              | 15.4                | 2.2  | ----- | 15.4    | 3.9  | ----- | 15.4     | 5.5  | ----- |
| Hip Replacement/Reconstruction.....        | 51              | 2.0                 | 1.8  | 1.9   | 2.0     | 3.3  | 2.7   | 2.0      | 4.5  | 3.6   |
| Open Reduction of Hip Fracture.....        | 34              | 8.8                 | 6.7  | ----- | 11.8    | 11.7 | ----- | 17.6     | 15.1 | ----- |
| Prostatectomy.....                         | 33              | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.6  | ----- |
| Cholecystectomy.....                       | 24              | 4.2                 | 3.0  | ----- | 4.2     | 5.7  | ----- | 8.3      | 7.7  | ----- |
| Hysterectomy.....                          | 14              | 7.1                 | 0.7  | ----- | 7.1     | 1.6  | ----- | 7.1      | 2.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# RIVERSIDE MEDICAL CENTER

Medicare Provider Number: 140186

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.0 years  
Proportion female..... 54.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 30.0 %  
Transferred from skilled nursing facility..... 2.5 %  
Admitted for elective procedure..... 10.9 %  
Admitted for emergency..... 30.3 %

### COMORBIDITIES:

Cancer..... 8.0 %  
Chronic cardiovascular disease..... 34.3 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 15.5 %  
Cerebrovascular degeneration..... 3.7 %  
Diabetes mellitus..... 10.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 80.7%  
State..... 18.2%  
Outside State..... 1.1%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.5 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 328  
Occupancy Rate..... 71.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 46.3 %  
Case Mix Index (CMI)..... 1.1973

### STAFFING:

Total Number of Physicians..... 106  
Percent of Physicians Board  
Certified Specialists..... 73.6 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 274  
Licensed Practical Nurses..... 40

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ROCHELLE COMMUNITY HOSPITAL

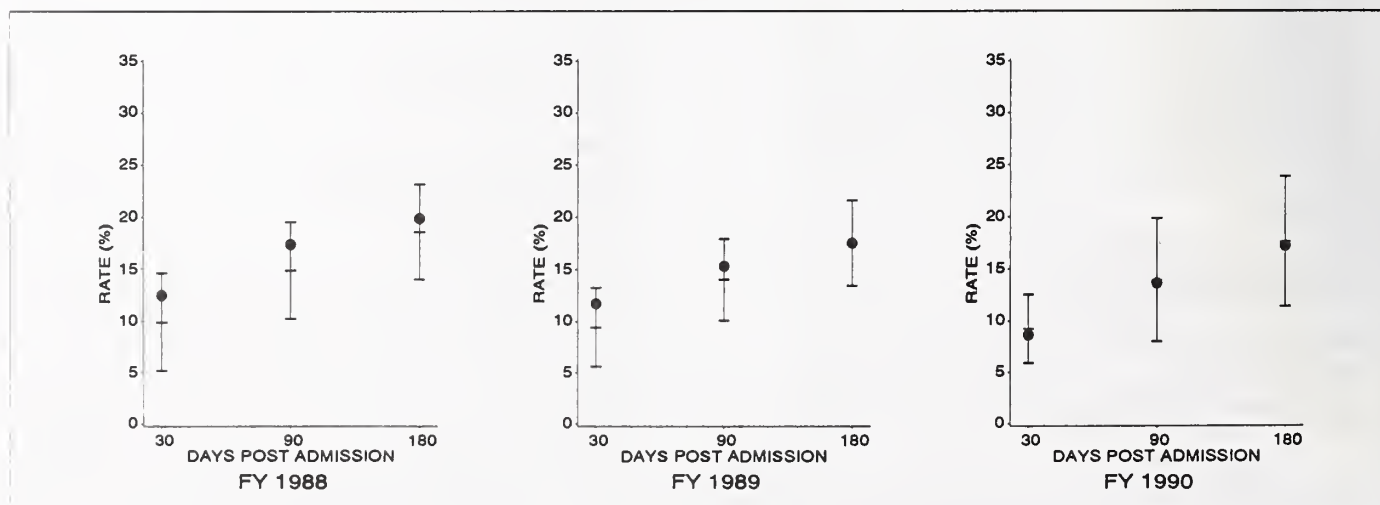
900 N 2ND ST  
ROCHELLE, IL 61068  
Medicare Provider Number: 140038

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 419                | 8.6                 | 9.2  | 1.7  | 13.6    | 13.9 | 3.0  | 17.2     | 17.6 | 3.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15                 | 33.3                | 29.9 | ---- | 53.3    | 33.5 | ---- | 53.3     | 37.0 | ---- |
| Congestive Heart Failure.....              | 27                 | 22.2                | 13.9 | ---- | 25.9    | 22.6 | ---- | 29.6     | 29.4 | ---- |
| Pneumonia/Influenza.....                   | 20                 | 5.0                 | 14.6 | ---- | 25.0    | 20.5 | ---- | 35.0     | 25.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2                  | 0.0                 | 6.6  | ---- | 0.0     | 11.3 | ---- | 0.0      | 15.2 | ---- |
| Transient Cerebral Ischemia.....           | 11                 | 0.0                 | 2.1  | ---- | 0.0     | 4.8  | ---- | 9.1      | 7.8  | ---- |
| Stroke.....                                | 13                 | 15.4                | 14.3 | ---- | 30.8    | 20.2 | ---- | 30.8     | 24.2 | ---- |
| Hip Fracture.....                          | 14                 | 14.3                | 7.4  | ---- | 21.4    | 13.5 | ---- | 21.4     | 18.0 | ---- |
| Sepsis.....                                | 1                  | 0.0                 | 38.0 | ---- | 0.0     | 49.3 | ---- | 0.0      | 53.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1                  | 0.0                 | 32.1 | ---- | 0.0     | 41.4 | ---- | 0.0      | 46.7 | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4                  | 50.0                | 4.5  | ---- | 50.0    | 8.1  | ---- | 50.0     | 11.5 | ---- |
| Open Reduction of Hip Fracture.....        | 8                  | 0.0                 | 7.1  | ---- | 12.5    | 13.2 | ---- | 12.5     | 17.7 | ---- |
| Prostatectomy.....                         | 5                  | 0.0                 | 1.2  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.6  | ---- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 1.9  | ---- | 0.0     | 3.0  | ---- | 0.0      | 3.9  | ---- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ROCHELLE COMMUNITY HOSPITAL

Medicare Provider Number: 140038

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.8 years |
| Proportion female.....        | 57.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 30.5 % |
| Transferred from skilled nursing facility..... | 2.9 %  |
| Admitted for elective procedure.....           | 10.7 % |
| Admitted for emergency.....                    | 8.1 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.8 %  |
| Chronic cardiovascular disease..... | 34.8 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 1.2 %  |
| Chronic pulmonary disease.....      | 14.3 % |
| Cerebrovascular degeneration.....   | 6.2 %  |
| Diabetes mellitus.....              | 11.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 70.6%  |
| State .....         | 28.1%  |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 42                  |
| Occupancy Rate .....       | 42.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 37.3 %              |
| Case Mix Index (CMI) ..... | 0.9914              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 10     |
| Percent of Physicians Board<br>Certified Specialists ..... | 10.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 32     |
| Licensed Practical Nurses .....                            | 5      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ROCKFORD MEMORIAL HOSPITAL

2400 NORTH ROCKTON AVENUE

ROCKFORD, IL 61103

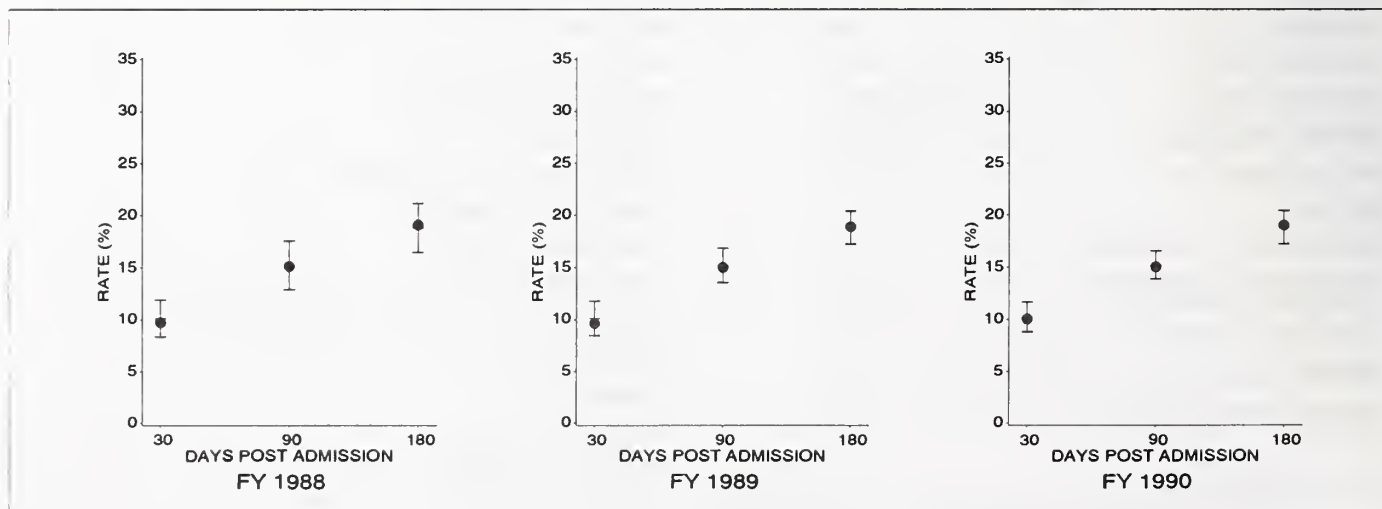
Medicare Provider Number: 140239

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2976            | 10.0                | 10.2 | 0.7   | 15.0    | 15.2 | 0.7   | 19.0     | 18.8 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 98              | 28.6                | 27.6 | 4.7   | 30.6    | 30.1 | 4.8   | 31.6     | 32.4 | 4.8   |
| Congestive Heart Failure.....              | 143             | 15.4                | 15.1 | 3.1   | 21.0    | 23.6 | 3.8   | 26.6     | 29.7 | 4.8   |
| Pneumonia/Influenza.....                   | 110             | 10.9                | 14.4 | 3.7   | 10.9    | 20.0 | 4.7   | 11.8     | 23.6 | 5.7   |
| Chronic Obstructive Pulmonary Disease..... | 25              | 12.0                | 6.1  | ----- | 12.0    | 11.2 | ----- | 20.0     | 15.5 | ----- |
| Transient Cerebral Ischemia.....           | 27              | 3.7                 | 2.1  | ----- | 7.4     | 4.6  | ----- | 7.4      | 7.2  | ----- |
| Stroke.....                                | 113             | 28.3                | 25.0 | 4.9   | 31.0    | 31.2 | 4.4   | 34.5     | 35.0 | 4.5   |
| Hip Fracture.....                          | 94              | 5.3                 | 7.6  | 3.4   | 10.6    | 13.5 | 5.9   | 16.0     | 17.6 | 6.4   |
| Sepsis.....                                | 51              | 33.3                | 24.3 | 12.1  | 43.1    | 32.8 | 13.2  | 49.0     | 37.5 | 13.5  |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 48              | 4.2                 | 4.9  | ----- | 4.2     | 5.9  | ----- | 4.2      | 6.8  | ----- |
| Coronary Artery Bypass Graft.....          | 63              | 7.9                 | 7.3  | 3.7   | 7.9     | 10.7 | 5.3   | 7.9      | 12.1 | 5.9   |
| Initial Pacemaker Insertion.....           | 22              | 4.5                 | 3.1  | ----- | 4.5     | 5.4  | ----- | 4.5      | 7.5  | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 2.6  | ----- | 0.0     | 4.6  | ----- | 0.0      | 6.2  | ----- |
| Hip Replacement/Reconstruction.....        | 106             | 2.8                 | 3.2  | 1.8   | 5.7     | 5.7  | 2.7   | 8.5      | 7.6  | 3.6   |
| Open Reduction of Hip Fracture.....        | 15              | 6.7                 | 8.4  | ----- | 6.7     | 15.2 | ----- | 6.7      | 19.7 | ----- |
| Prostatectomy.....                         | 61              | 0.0                 | 0.8  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.2  | ----- |
| Cholecystectomy.....                       | 71              | 2.8                 | 2.3  | 2.8   | 7.0     | 4.2  | 3.6   | 7.0      | 5.5  | 3.4   |
| Hysterectomy.....                          | 20              | 5.0                 | 1.0  | ----- | 5.0     | 2.0  | ----- | 5.0      | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ROCKFORD MEMORIAL HOSPITAL

Medicare Provider Number: 140239

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 58.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 41.0 % |
| Transferred from skilled nursing facility..... | 6.2 %  |
| Admitted for elective procedure.....           | 16.6 % |
| Admitted for emergency.....                    | 66.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.5 %  |
| Chronic cardiovascular disease..... | 34.5 % |
| Chronic liver disease.....          | 1.3 %  |
| Chronic renal disease.....          | 5.0 %  |
| Chronic pulmonary disease.....      | 13.3 % |
| Cerebrovascular degeneration.....   | 4.0 %  |
| Diabetes mellitus.....              | 8.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 73.4%  |
| State.....          | 23.5%  |
| Outside State ..... | 3.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.1 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 428                 |
| Occupancy Rate .....       | 70.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 32.3 %              |
| Case Mix Index (CMI) ..... | 1.4890              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 183    |
| Percent of Physicians Board<br>Certified Specialists ..... | 77.6 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 427    |
| Licensed Practical Nurses .....                            | 59     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ROSELAND COMMUNITY HOSPITAL

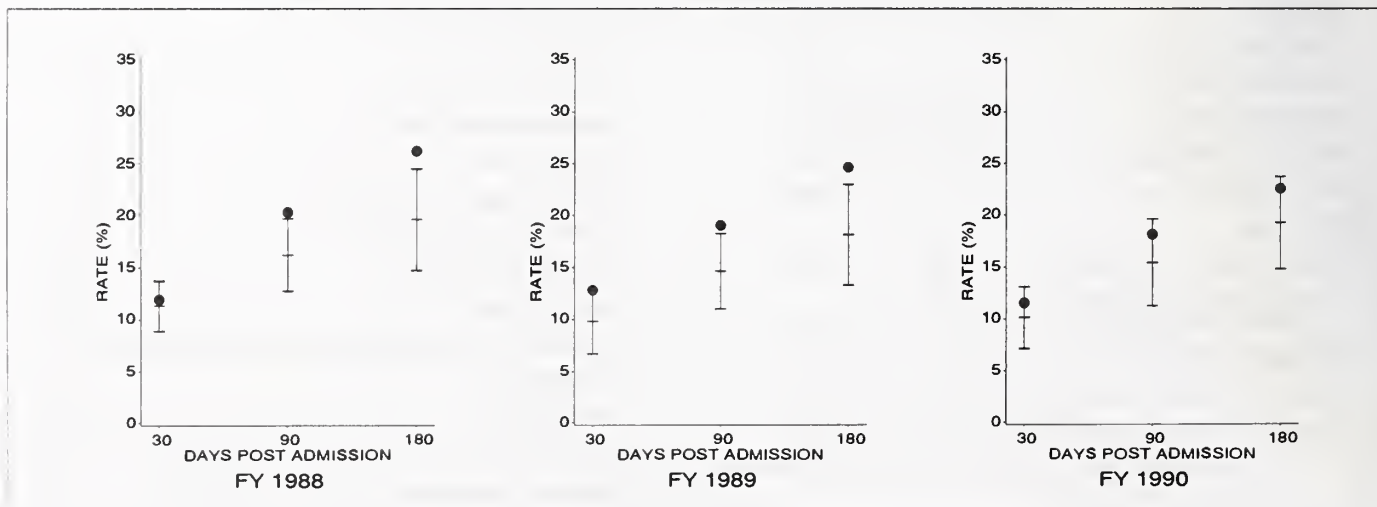
45 W 111TH STREET  
CHICAGO, IL 60628  
Medicare Provider Number: 140068

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 680                | 11.5                | 10.1 | 1.5  | 18.1    | 15.4 | 2.1  | 22.5     | 19.2 | 2.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 28                 | 39.3                | 26.7 | ---- | 46.4    | 29.3 | ---- | 50.0     | 31.8 | ---- |
| Congestive Heart Failure.....              | 75                 | 9.3                 | 11.1 | 4.7  | 14.7    | 18.2 | 7.3  | 16.0     | 23.7 | 9.3  |
| Pneumonia/Influenza.....                   | 25                 | 24.0                | 16.7 | ---- | 36.0    | 22.7 | ---- | 36.0     | 27.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 12.5                | 7.3  | ---- | 25.0    | 12.9 | ---- | 25.0     | 17.4 | ---- |
| Transient Cerebral Ischemia.....           | 15                 | 0.0                 | 2.8  | ---- | 6.7     | 6.0  | ---- | 6.7      | 9.2  | ---- |
| Stroke.....                                | 46                 | 10.9                | 19.5 | ---- | 26.1    | 24.4 | ---- | 32.6     | 27.5 | ---- |
| Hip Fracture.....                          | 6                  | 16.7                | 12.1 | ---- | 33.3    | 21.3 | ---- | 33.3     | 27.2 | ---- |
| Sepsis.....                                | 11                 | 9.1                 | 22.8 | ---- | 27.3    | 29.1 | ---- | 27.3     | 33.2 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2                  | 0.0                 | 2.1  | ---- | 0.0     | 4.8  | ---- | 0.0      | 8.2  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3                  | 0.0                 | 5.7  | ---- | 33.3    | 9.7  | ---- | 33.3     | 12.7 | ---- |
| Open Reduction of Hip Fracture.....        | 2                  | 0.0                 | 8.3  | ---- | 0.0     | 14.4 | ---- | 0.0      | 18.5 | ---- |
| Prostatectomy.....                         | 10                 | 10.0                | 2.4  | ---- | 20.0    | 5.9  | ---- | 30.0     | 9.8  | ---- |
| Cholecystectomy.....                       | 1                  | 0.0                 | 7.6  | ---- | 0.0     | 11.3 | ---- | 0.0      | 15.9 | ---- |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ROSELAND COMMUNITY HOSPITAL

Medicare Provider Number: 140068

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 70.8 years |
| Proportion female.....        | 54.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 13.7 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 6.3 %  |
| Admitted for emergency.....                    | 86.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.6 %  |
| Chronic cardiovascular disease..... | 38.8 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 6.0 %  |
| Chronic pulmonary disease.....      | 12.6 % |
| Cerebrovascular degeneration.....   | 6.8 %  |
| Diabetes mellitus.....              | 13.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 97.8%  |
| State .....         | 0.7%   |
| Outside State ..... | 1.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 11.0 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 154                 |
| Occupancy Rate .....       | 66.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 20.4 %              |
| Case Mix Index (CMI) ..... | 1.2505              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 90     |
| Percent of Physicians Board<br>Certified Specialists ..... | 48.9 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 87     |
| Licensed Practical Nurses .....                            | 13     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# RUSH NORTH SHORE MEDICAL CENTER

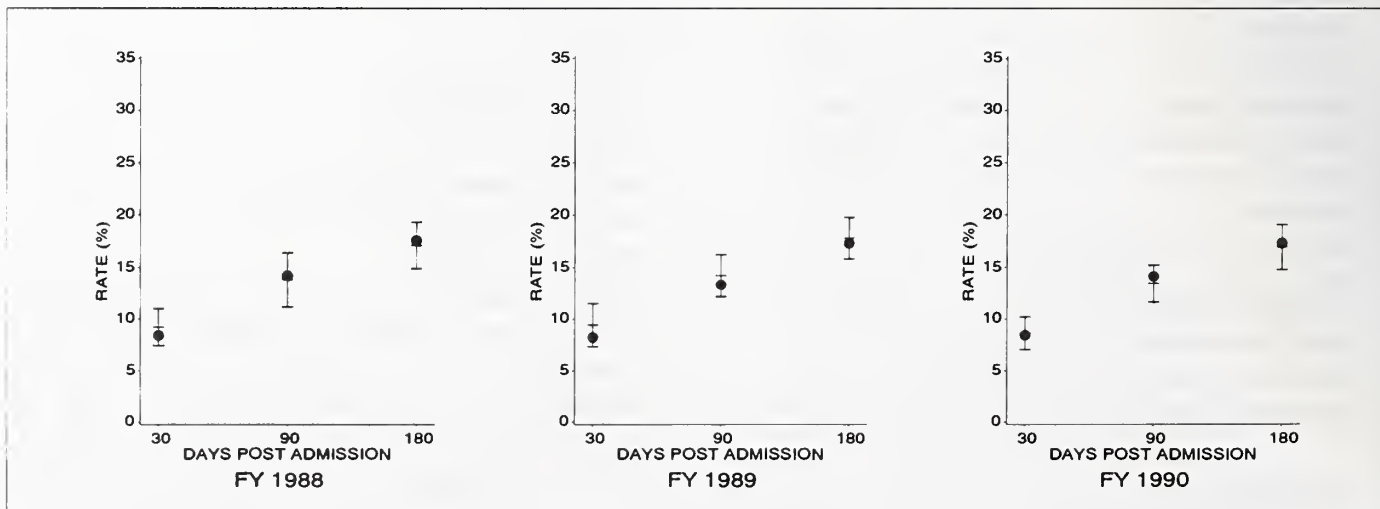
9600 GROSS POINT ROAD  
SKOKIE, IL 60076  
Medicare Provider Number: 140051

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2010            | 8.4                 | 8.6  | 0.8  | 14.1    | 13.4 | 0.9  | 17.3     | 16.9 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 57              | 24.6                | 26.7 | 6.6  | 29.8    | 30.5 | 6.4  | 29.8     | 33.5 | 7.0  |
| Congestive Heart Failure.....              | 109             | 11.9                | 16.6 | 5.8  | 21.1    | 26.2 | 6.3  | 28.4     | 33.1 | 6.0  |
| Pneumonia/Influenza.....                   | 101             | 17.8                | 16.5 | 3.8  | 20.8    | 22.5 | 4.4  | 27.7     | 26.6 | 5.2  |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 9.0  | ---- | 15.4    | 15.5 | ---- | 15.4     | 20.6 | ---- |
| Transient Cerebral Ischemia.....           | 29              | 0.0                 | 2.1  | ---- | 3.4     | 4.8  | ---- | 6.9      | 7.7  | ---- |
| Stroke.....                                | 75              | 16.0                | 18.8 | 6.0  | 28.0    | 25.0 | 7.1  | 32.0     | 28.8 | 8.9  |
| Hip Fracture.....                          | 52              | 7.7                 | 6.3  | 4.2  | 13.5    | 11.2 | 6.7  | 17.3     | 14.8 | 7.3  |
| Sepsis.....                                | 32              | 28.1                | 24.3 | ---- | 43.8    | 32.7 | ---- | 46.9     | 37.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 19              | 0.0                 | 2.2  | ---- | 0.0     | 4.6  | ---- | 0.0      | 7.2  | ---- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.0  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.7  | ---- |
| Hip Replacement/Reconstruction.....        | 56              | 0.0                 | 2.3  | 2.6  | 3.6     | 4.3  | 2.9  | 5.4      | 6.0  | 3.3  |
| Open Reduction of Hip Fracture.....        | 30              | 10.0                | 5.4  | ---- | 10.0    | 9.9  | ---- | 16.7     | 13.2 | ---- |
| Prostatectomy.....                         | 69              | 0.0                 | 1.1  | 2.8  | 2.9     | 2.5  | 2.9  | 5.8      | 4.1  | 3.2  |
| Cholecystectomy.....                       | 26              | 3.8                 | 4.7  | ---- | 7.7     | 8.7  | ---- | 11.5     | 11.9 | ---- |
| Hysterectomy.....                          | 10              | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# RUSH NORTH SHORE MEDICAL CENTER

Medicare Provider Number: 140051

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.6 years  
Proportion female..... 57.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 44.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 69.1 %  
Admitted for emergency..... 26.9 %

### COMORBIDITIES:

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 37.7 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 8.7 %  
Cerebrovascular degeneration..... 6.6 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.2%  
State ..... 3.5%  
Outside State ..... 3.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.0 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 260  
Occupancy Rate ..... 66.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 42.2 %  
Case Mix Index (CMI) ..... 1.1687

### STAFFING:

Total Number of Physicians..... 116  
Percent of Physicians Board  
Certified Specialists..... 89.7 %  
Medical Residents/Interns ..... 22  
Registered Nurses..... 255  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# RUSH-PRESBYTERIAN-ST LUKES MED CENTER

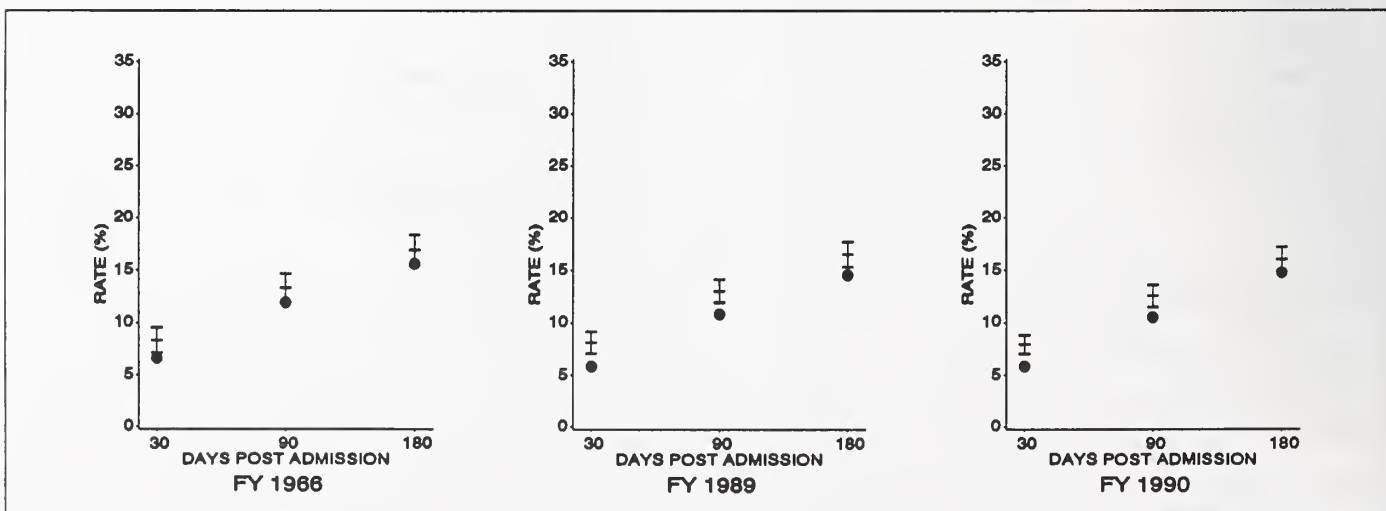
1653 WEST CONGRESS PARKWAY  
CHICAGO, IL 60612  
Medicare Provider Number: 140119

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4357               | 5.6                 | 7.9  | 0.5   | 10.5    | 12.5 | 0.5   | 14.7     | 16.0 | 0.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 65                 | 12.3                | 27.4 | 8.7   | 15.4    | 30.7 | 9.0   | 16.9     | 33.6 | 9.2   |
| Congestive Heart Failure.....              | 178                | 9.7                 | 12.6 | 4.0   | 17.8    | 20.5 | 4.0   | 25.0     | 26.6 | 4.3   |
| Pneumonia/Influenza.....                   | 121                | 15.7                | 16.9 | 5.6   | 21.5    | 25.7 | 4.6   | 26.1     | 29.7 | 4.5   |
| Chronic Obstructive Pulmonary Disease..... | 22                 | 16.2                | 9.4  | ----- | 22.7    | 15.7 | ----- | 40.9     | 20.7 | ----- |
| Transient Cerebral Ischemia.....           | 44                 | 4.5                 | 1.2  | ----- | 4.5     | 2.6  | ----- | 9.1      | 4.4  | ----- |
| Stroke.....                                | 96                 | 10.4                | 19.1 | 5.4   | 13.5    | 25.2 | 5.9   | 14.6     | 28.8 | 6.5   |
| Hip Fracture.....                          | 45                 | 11.1                | 7.5  | ----- | 15.6    | 12.9 | ----- | 17.8     | 16.3 | ----- |
| Sepsis.....                                | 56                 | 17.9                | 25.7 | 6.2   | 35.7    | 33.5 | 7.6   | 48.2     | 36.5 | 7.2   |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 45                 | 2.2                 | 2.7  | ----- | 2.2     | 3.4  | ----- | 2.2      | 4.2  | ----- |
| Coronary Artery Bypass Graft.....          | 139                | 5.0                 | 6.3  | 2.3   | 9.4     | 9.2  | 2.6   | 12.2     | 10.6 | 2.7   |
| Initial Pacemaker Insertion.....           | 14                 | 0.0                 | 4.9  | ----- | 0.0     | 6.8  | ----- | 0.0      | 11.2 | ----- |
| Carotid Endarterectomy.....                | 30                 | 0.0                 | 1.4  | ----- | 0.0     | 2.7  | ----- | 3.3      | 4.0  | ----- |
| Hip Replacement/Reconstruction.....        | 124                | 1.6                 | 1.6  | 1.6   | 3.2     | 3.1  | 1.8   | 5.6      | 4.4  | 2.2   |
| Open Reduction of Hip Fracture.....        | 20                 | 15.0                | 5.9  | ----- | 20.0    | 10.3 | ----- | 25.0     | 13.4 | ----- |
| Prostatectomy.....                         | 84                 | 0.0                 | 0.8  | 1.2   | 0.0     | 1.8  | 2.1   | 0.0      | 3.1  | 3.2   |
| Cholecystectomy.....                       | 52                 | 3.6                 | 5.5  | 3.4   | 9.6     | 9.9  | 4.2   | 11.5     | 13.0 | 4.6   |
| Hysterectomy.....                          | 33                 | 0.0                 | 0.8  | ----- | 3.0     | 1.8  | ----- | 6.1      | 2.6  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RUSH-PRESBYTERIAN-ST LUKES MED CENTER

Medicare Provider Number: 140119

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.5 years  
Proportion female..... 55.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 59.9 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 49.0 %  
Admitted for emergency..... 48.3 %

### COMORBIDITIES:

Cancer..... 10.2 %  
Chronic cardiovascular disease..... 30.8 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 4.5 %  
Chronic pulmonary disease..... 7.4 %  
Cerebrovascular degeneration..... 3.9 %  
Diabetes mellitus..... 8.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.0%  
State..... 12.1%  
Outside State..... 5.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 10.6 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 901  
Occupancy Rate..... 79.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 31.8 %  
Case Mix Index (CMI)..... 1.5179

### STAFFING:

Total Number of Physicians.....1059  
Percent of Physicians Board  
Certified Specialists..... 66.2 %  
Medical Residents/Interns..... 521  
Registered Nurses.....1276  
Licensed Practical Nurses..... 58

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SACRED HEART HOSPITAL

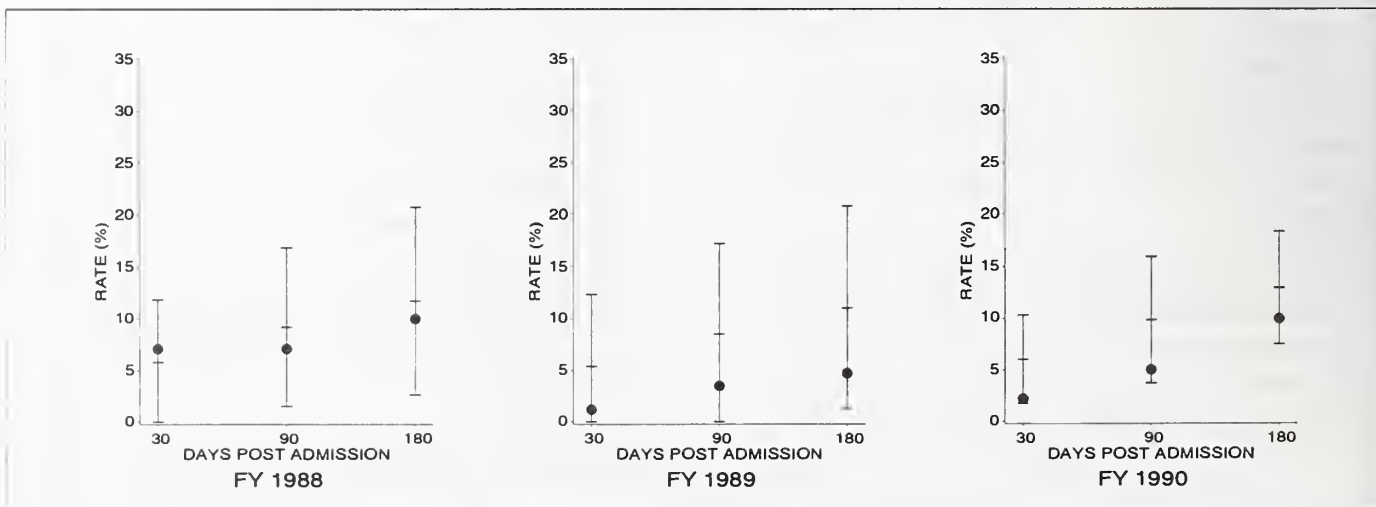
3240 W FRANKLIN BLVD  
CHICAGO, IL 60624  
Medicare Provider Number: 140151

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 181             | 2.2                 | 6.0  | 2.1  | 5.0     | 9.8  | 3.1  | 9.9      | 12.9 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 1               | 0.0                 | 21.3 | ---- | 100.0   | 24.3 | ---- | 100.0    | 27.5 | ---- |
| Congestive Heart Failure.....              | 18              | 0.0                 | 9.6  | ---- | 0.0     | 17.1 | ---- | 11.1     | 23.2 | ---- |
| Pneumonia/Influenza.....                   | 4               | 0.0                 | 12.6 | ---- | 0.0     | 17.1 | ---- | 0.0      | 20.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 7               | 0.0                 | 6.6  | ---- | 0.0     | 12.5 | ---- | 14.3     | 17.8 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 0.6  | ---- | 0.0     | 1.4  | ---- | 0.0      | 2.4  | ---- |
| Stroke.....                                | 6               | 0.0                 | 12.8 | ---- | 16.7    | 17.0 | ---- | 33.3     | 19.8 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 5.0  | ---- | 0.0     | 8.8  | ---- | 0.0      | 12.3 | ---- |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 3.6  | ---- | 0.0     | 7.0  | ---- | 0.0      | 11.2 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 4.7  | ---- | 0.0     | 8.5  | ---- | 0.0      | 12.0 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 17              | 0.0                 | 1.7  | ---- | 0.0     | 4.2  | ---- | 5.9      | 7.0  | ---- |
| Cholecystectomy.....                       | 2               | 0.0                 | 2.2  | ---- | 0.0     | 3.8  | ---- | 0.0      | 4.7  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.2  | ---- | 0.0     | 0.5  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SACRED HEART HOSPITAL

Medicare Provider Number: 140151

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.5 years |
| Proportion female.....        | 55.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 80.1 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 19.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 0.6 %  |
| Chronic cardiovascular disease..... | 26.5 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 3.9 %  |
| Chronic pulmonary disease.....      | 14.9 % |
| Cerebrovascular degeneration.....   | 1.7 %  |
| Diabetes mellitus.....              | 14.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 98.8%  |
| State.....          | 0.3%   |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 119                 |
| Ownership/Control.....     | Private, Non-Profit |
| Case Mix Index (CMI) ..... | 1.0866              |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 25 |
| Licensed Practical Nurses.....  | 11 |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SANDWICH COMMUNITY HOSPITAL

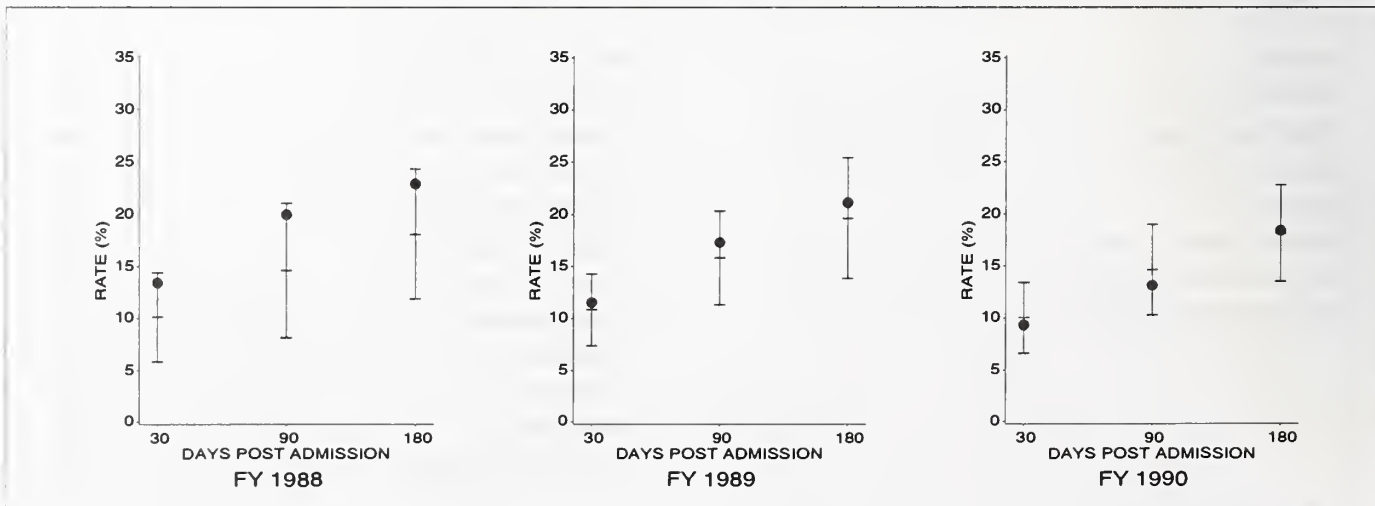
11 PLEASANT AVE  
SANDWICH, IL 60548  
Medicare Provider Number: 140203

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 397             | 9.3                 | 10.0 | 1.7  | 13.1    | 14.6 | 2.2  | 18.4     | 18.1 | 2.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 20              | 20.0                | 33.3 | ---- | 25.0    | 36.7 | ---- | 25.0     | 39.8 | ---- |
| Congestive Heart Failure.....              | 25              | 20.0                | 16.3 | ---- | 28.0    | 25.4 | ---- | 36.0     | 32.0 | ---- |
| Pneumonia/Influenza.....                   | 29              | 10.3                | 15.3 | ---- | 10.3    | 20.4 | ---- | 13.8     | 24.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 33.3                | 10.2 | ---- | 33.3    | 17.7 | ---- | 33.3     | 22.9 | ---- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.2  | ---- | 14.3    | 4.7  | ---- | 14.3     | 7.0  | ---- |
| Stroke.....                                | 12              | 41.7                | 25.2 | ---- | 50.0    | 30.4 | ---- | 66.7     | 33.8 | ---- |
| Hip Fracture.....                          | 14              | 0.0                 | 6.2  | ---- | 0.0     | 10.7 | ---- | 7.1      | 14.3 | ---- |
| Sepsis.....                                | 2               | 0.0                 | 19.2 | ---- | 0.0     | 24.0 | ---- | 50.0     | 28.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 100.0               | 2.8  | ---- | 100.0   | 6.3  | ---- | 100.0    | 9.3  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 5.8  | ---- | 0.0     | 11.7 | ---- | 0.0      | 16.3 | ---- |
| Open Reduction of Hip Fracture.....        | 8               | 0.0                 | 5.8  | ---- | 0.0     | 9.6  | ---- | 0.0      | 12.8 | ---- |
| Prostatectomy.....                         | 20              | 0.0                 | 1.2  | ---- | 0.0     | 2.7  | ---- | 10.0     | 4.4  | ---- |
| Cholecystectomy.....                       | 13              | 0.0                 | 2.8  | ---- | 0.0     | 5.3  | ---- | 0.0      | 7.4  | ---- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.7  | ---- | 0.0     | 1.4  | ---- | 0.0      | 2.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SANDWICH COMMUNITY HOSPITAL

Medicare Provider Number: 140203

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.3 years |
| Proportion female.....        | 59.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 30.5 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.8 %  |
| Admitted for emergency.....                    | 6.3 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.3 %  |
| Chronic cardiovascular disease..... | 42.6 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 13.1 % |
| Cerebrovascular degeneration.....   | 2.5 %  |
| Diabetes mellitus.....              | 7.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 56.1%  |
| State .....         | 40.2%  |
| Outside State ..... | 3.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.8 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 53                  |
| Occupancy Rate .....       | 34.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 43.0 %              |
| Case Mix Index (CMI) ..... | 1.1377              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 20     |
| Percent of Physicians Board<br>Certified Specialists..... | 90.0 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 26     |
| Licensed Practical Nurses .....                           | 5      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SARAH BUSH LINCOLN HEALTH CENTER

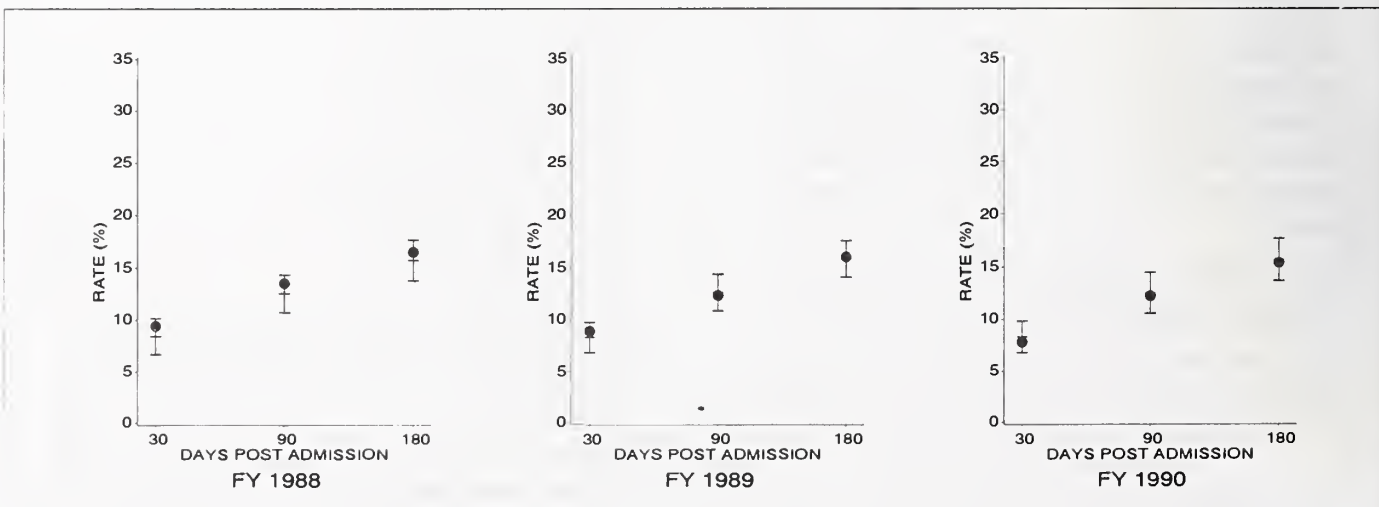
ROUTE 16 P O BOX 372  
MATTOON, IL 61938  
Medicare Provider Number: 140189

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1961            | 7.8                 | 8.3  | 0.8  | 12.2    | 12.5 | 1.0  | 15.4     | 15.7 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 74              | 24.3                | 26.3 | 5.5  | 31.1    | 29.5 | 5.9  | 33.8     | 32.2 | 5.9  |
| Congestive Heart Failure.....              | 109             | 11.9                | 14.7 | 5.8  | 22.0    | 23.4 | 5.7  | 27.5     | 29.8 | 4.7  |
| Pneumonia/Influenza.....                   | 100             | 9.0                 | 15.4 | 4.3  | 11.0    | 20.9 | 5.3  | 13.0     | 24.8 | 5.7  |
| Chronic Obstructive Pulmonary Disease..... | 31              | 3.2                 | 9.4  | ---- | 16.1    | 16.5 | ---- | 22.6     | 21.8 | ---- |
| Transient Cerebral Ischemia.....           | 45              | 2.2                 | 1.7  | ---- | 4.4     | 3.7  | ---- | 8.9      | 5.8  | ---- |
| Stroke.....                                | 68              | 17.6                | 20.3 | 5.4  | 23.5    | 27.2 | 6.6  | 32.4     | 31.0 | 7.2  |
| Hip Fracture.....                          | 83              | 3.6                 | 5.9  | 3.3  | 8.4     | 10.5 | 3.9  | 12.0     | 14.0 | 4.2  |
| Sepsis.....                                | 19              | 15.8                | 26.3 | ---- | 15.8    | 33.5 | ---- | 15.8     | 38.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 1.7  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.0  | ---- |
| Carotid Endarterectomy.....                | 3               | 33.3                | 1.1  | ---- | 33.3    | 2.2  | ---- | 33.3     | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 37              | 2.7                 | 4.8  | ---- | 10.8    | 8.4  | ---- | 16.2     | 11.5 | ---- |
| Open Reduction of Hip Fracture.....        | 42              | 2.4                 | 5.0  | ---- | 7.1     | 9.5  | ---- | 9.5      | 12.7 | ---- |
| Prostatectomy.....                         | 91              | 3.3                 | 0.7  | 2.2  | 3.3     | 1.7  | 2.0  | 6.6      | 3.0  | 3.3  |
| Cholecystectomy.....                       | 54              | 5.6                 | 3.9  | 3.0  | 5.6     | 6.7  | 3.6  | 9.3      | 8.5  | 3.9  |
| Hysterectomy.....                          | 11              | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SARAH BUSH LINCOLN HEALTH CENTER

Medicare Provider Number: 140189

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 56.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 13.3 %  
Admitted for emergency..... 56.8 %

### COMORBIDITIES:

Cancer..... 5.2 %  
Chronic cardiovascular disease..... 35.8 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 15.5 %  
Cerebrovascular degeneration..... 5.9 %  
Diabetes mellitus..... 5.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 66.1%  
State ..... 32.9%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 176  
Occupancy Rate ..... 52.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 40.6 %  
Case Mix Index (CMI) ..... 1.1514

### STAFFING:

Total Number of Physicians..... 52  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 163  
Licensed Practical Nurses ..... 15

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SARAH D CULBERTSON MEMORIAL HOSPITAL

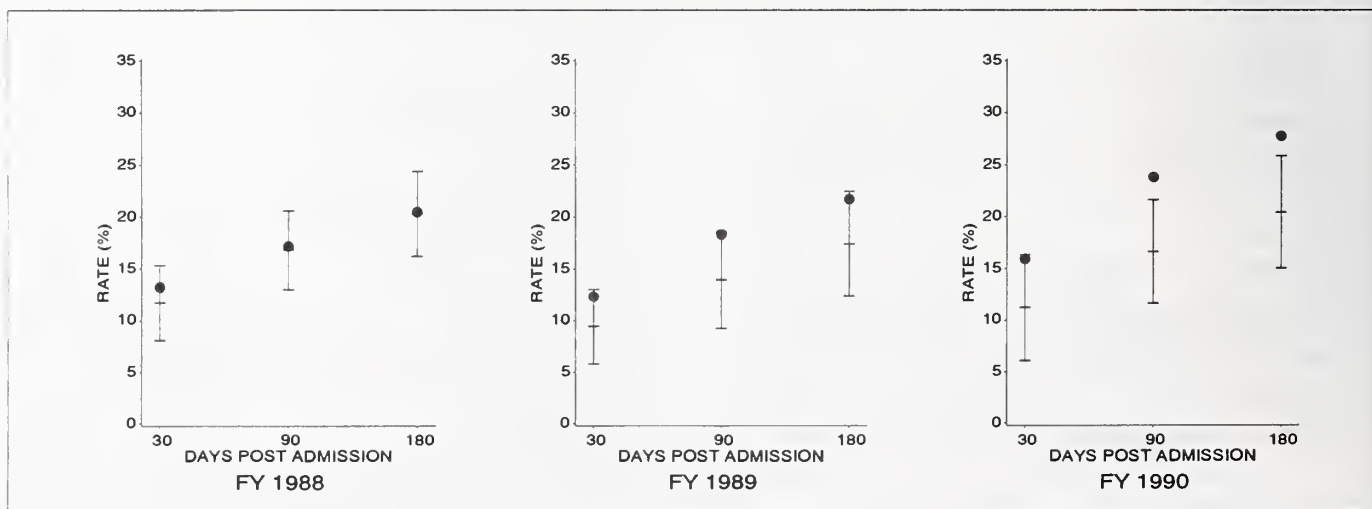
238 S CONGRESS  
RUSHVILLE, IL 62681  
Medicare Provider Number: 140003

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 441             | 15.9                | 11.2 | 2.6  | 23.8    | 16.6 | 2.5  | 27.7     | 20.4 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11              | 72.7                | 25.4 | ---- | 72.7    | 28.9 | ---- | 81.8     | 31.8 | ---- |
| Congestive Heart Failure.....              | 30              | 26.7                | 16.5 | ---- | 33.3    | 24.6 | ---- | 36.7     | 30.4 | ---- |
| Pneumonia/Influenza.....                   | 44              | 13.6                | 14.4 | ---- | 15.9    | 20.0 | ---- | 22.7     | 23.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 16              | 0.0                 | 4.8  | ---- | 12.5    | 8.8  | ---- | 25.0     | 12.4 | ---- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.0  | ---- | 7.1     | 4.8  | ---- | 7.1      | 7.9  | ---- |
| Stroke.....                                | 27              | 22.2                | 18.8 | ---- | 40.7    | 25.8 | ---- | 48.1     | 30.1 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 4               | 50.0                | 24.4 | ---- | 50.0    | 29.0 | ---- | 50.0     | 34.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 4               | 0.0                 | 0.7  | ---- | 0.0     | 1.3  | ---- | 0.0      | 1.9  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SARAH D CULBERTSON MEMORIAL HOSPITAL

Medicare Provider Number: 140003

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 78.5 years |
| Proportion female.....        | 59.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 31.3 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 4.8 %  |
| Admitted for emergency.....                    | 51.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.4 %  |
| Chronic cardiovascular disease..... | 34.2 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 1.4 %  |
| Chronic pulmonary disease.....      | 14.3 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 10.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 28.3%  |
| State .....         | 70.4%  |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.4 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 56                 |
| Occupancy Rate .....       | 56.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 48.0 %             |
| Case Mix Index (CMI) ..... | 0.9657             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 12     |
| Percent of Physicians Board<br>Certified Specialists ..... | 58.3 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 24     |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                          |    |
|------------------------------------------|----|
| Burn Unit .....                          | No |
| Cardiac Intensive Care .....             | No |
| Comprehensive Geriatric .....            | No |
| Hospice Care .....                       | No |
| Medical/Surgical Intensive Care .....    | No |
| Organ/Tissue Transplant .....            | No |
| Other Intensive Care .....               | No |
| Trauma Center .....                      | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: |    |
| Alcohol/Drug .....                       | No |
| Rehabilitation.....                      | No |
| Psychiatric .....                        | No |
| Medicare Swing Beds .....                | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAVANNA CITY HOSPITAL

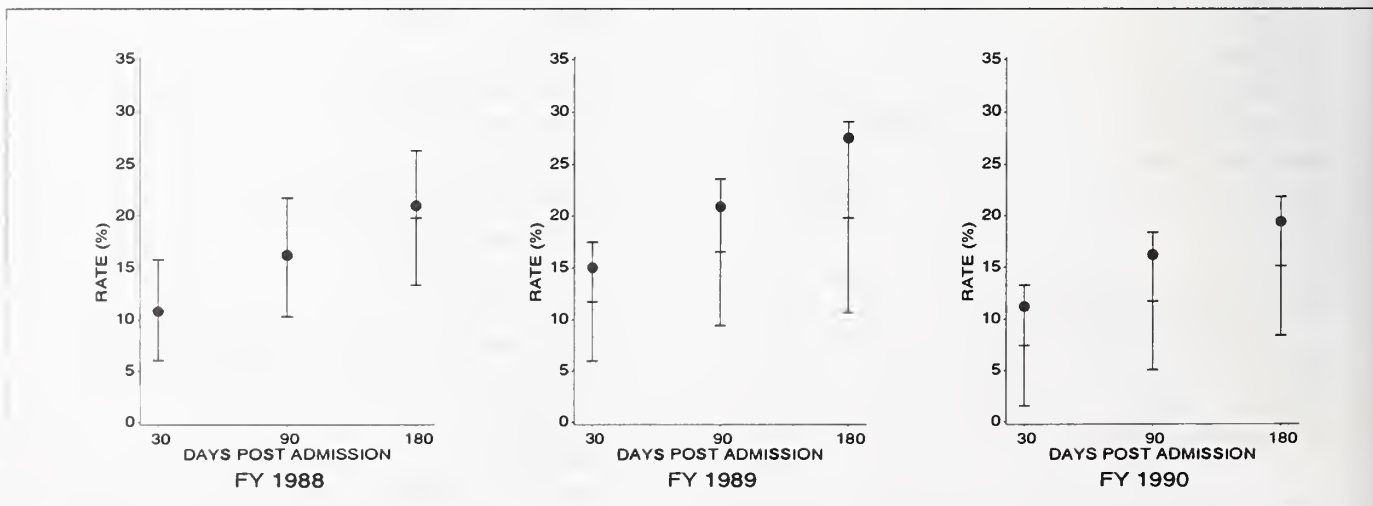
1125 N FIFTH ST  
SAVANNA, IL 61074  
Medicare Provider Number: 140229

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 160                | 11.2                | 7.4  | 2.9  | 16.2    | 11.7 | 3.3  | 19.4     | 15.1 | 3.4  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 4                  | 25.0                | 26.4 | ---- | 25.0    | 30.5 | ---- | 25.0     | 34.5 | ---- |
| Congestive Heart Failure.....              | 11                 | 36.4                | 10.6 | ---- | 54.5    | 16.6 | ---- | 54.5     | 21.2 | ---- |
| Pneumonia/Influenza.....                   | 15                 | 26.7                | 10.7 | ---- | 33.3    | 14.8 | ---- | 40.0     | 18.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 33.3                | 6.8  | ---- | 33.3    | 11.7 | ---- | 33.3     | 15.1 | ---- |
| Transient Cerebral Ischemia.....           | 2                  | 0.0                 | 2.2  | ---- | 0.0     | 5.9  | ---- | 0.0      | 10.8 | ---- |
| Stroke.....                                | 6                  | 16.7                | 11.9 | ---- | 16.7    | 15.4 | ---- | 16.7     | 18.4 | ---- |
| Hip Fracture.....                          | 8                  | 0.0                 | 4.9  | ---- | 12.5    | 8.7  | ---- | 12.5     | 11.4 | ---- |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4                  | 0.0                 | 5.7  | ---- | 25.0    | 10.3 | ---- | 25.0     | 13.5 | ---- |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 3.4  | ---- | 0.0     | 6.2  | ---- | 0.0      | 8.4  | ---- |
| Prostatectomy.....                         | 1                  | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.3  | ---- |
| Cholecystectomy.....                       | 4                  | 0.0                 | 1.3  | ---- | 0.0     | 2.2  | ---- | 0.0      | 2.8  | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 2.9  | ---- | 0.0     | 6.7  | ---- | 0.0      | 10.6 | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SAVANNA CITY HOSPITAL

Medicare Provider Number: 140229

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.9 years |
| Proportion female.....        | 55.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 81.3 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 0.6 %  |
| Admitted for emergency.....                    | 0.6 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.1 %  |
| Chronic cardiovascular disease..... | 33.1 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 1.9 %  |
| Chronic pulmonary disease.....      | 18.8 % |
| Cerebrovascular degeneration.....   | 2.5 %  |
| Diabetes mellitus.....              | 5.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 83.7%  |
| State .....         | 9.2%   |
| Outside State ..... | 7.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 34               |
| Occupancy Rate .....       | 17.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 38.5 %           |
| Case Mix Index (CMI) ..... | 0.9699           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 6      |
| Percent of Physicians Board<br>Certified Specialists ..... | 50.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses .....                                    | 7      |
| Licensed Practical Nurses .....                            | 5      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation .....      | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SHELBY MEMORIAL HOSPITAL

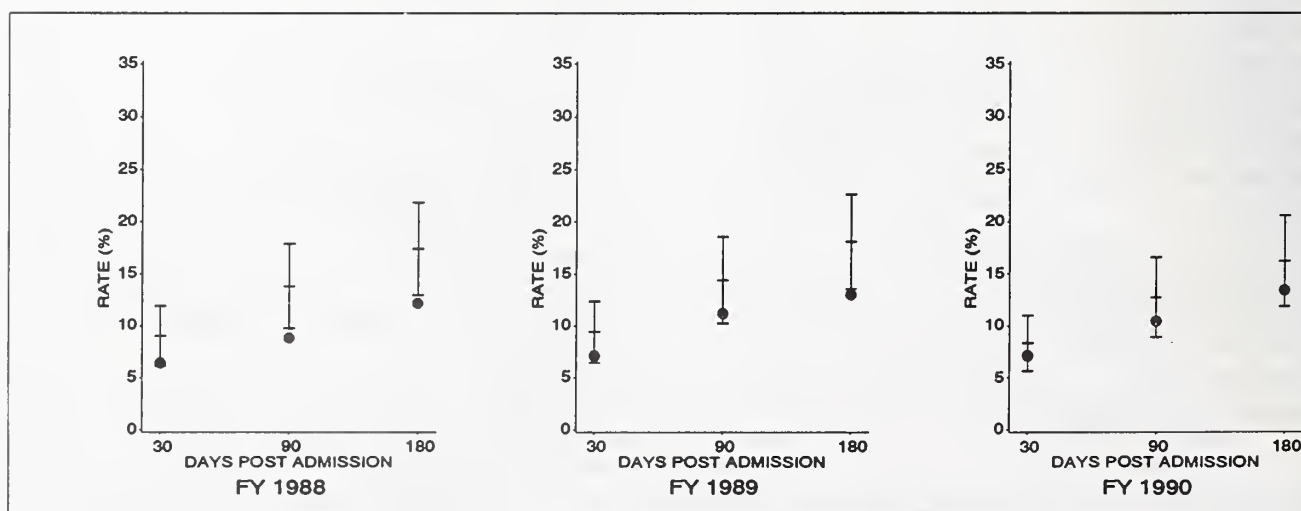
200 S CEDAR ST  
SHELBYVILLE, IL 62565  
Medicare Provider Number: 140019

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 546             | 7.1                 | 8.3  | 1.4   | 10.4    | 12.7 | 1.9   | 13.4     | 16.2 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19              | 52.6                | 28.5 | ----- | 52.6    | 33.2 | ----- | 52.6     | 36.7 | ----- |
| Congestive Heart Failure.....              | 36              | 16.7                | 16.2 | ----- | 33.3    | 25.9 | ----- | 33.3     | 33.1 | ----- |
| Pneumonia/Influenza.....                   | 52              | 7.7                 | 12.8 | 5.4   | 9.6     | 17.7 | 6.9   | 11.5     | 21.3 | 8.1   |
| Chronic Obstructive Pulmonary Disease..... | 8               | 0.0                 | 6.4  | ----- | 0.0     | 11.6 | ----- | 12.5     | 16.3 | ----- |
| Transient Cerebral Ischemia.....           | 17              | 5.9                 | 1.7  | ----- | 5.9     | 4.0  | ----- | 5.9      | 6.8  | ----- |
| Stroke.....                                | 19              | 15.8                | 20.3 | ----- | 21.1    | 28.7 | ----- | 26.3     | 33.8 | ----- |
| Hip Fracture.....                          | 5               | 20.0                | 8.0  | ----- | 20.0    | 14.5 | ----- | 20.0     | 18.7 | ----- |
| Sepsis.....                                | 4               | 25.0                | 27.4 | ----- | 25.0    | 37.3 | ----- | 50.0     | 42.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 7.1  | ----- | 0.0     | 13.5 | ----- | 0.0      | 17.7 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 2               | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.0  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SHELBY MEMORIAL HOSPITAL

Medicare Provider Number: 140019

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.0 years |
| Proportion female.....        | 64.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 87.7 % |
| Transferred from skilled nursing facility..... | 0.4 %  |
| Admitted for elective procedure.....           | 5.9 %  |
| Admitted for emergency.....                    | 4.6 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.6 %  |
| Chronic cardiovascular disease..... | 35.3 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 4.2 %  |
| Chronic pulmonary disease.....      | 11.7 % |
| Cerebrovascular degeneration.....   | 3.7 %  |
| Diabetes mellitus.....              | 10.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 88.5%  |
| State.....         | 10.4%  |
| Outside State..... | 1.1%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 6.1 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 70                  |
| Occupancy Rate.....       | 60.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 46.4 %              |
| Case Mix Index (CMI)..... | 0.9101              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 12     |
| Percent of Physicians Board<br>Certified Specialists..... | 66.7 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 30     |
| Licensed Practical Nurses.....                            | 15     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

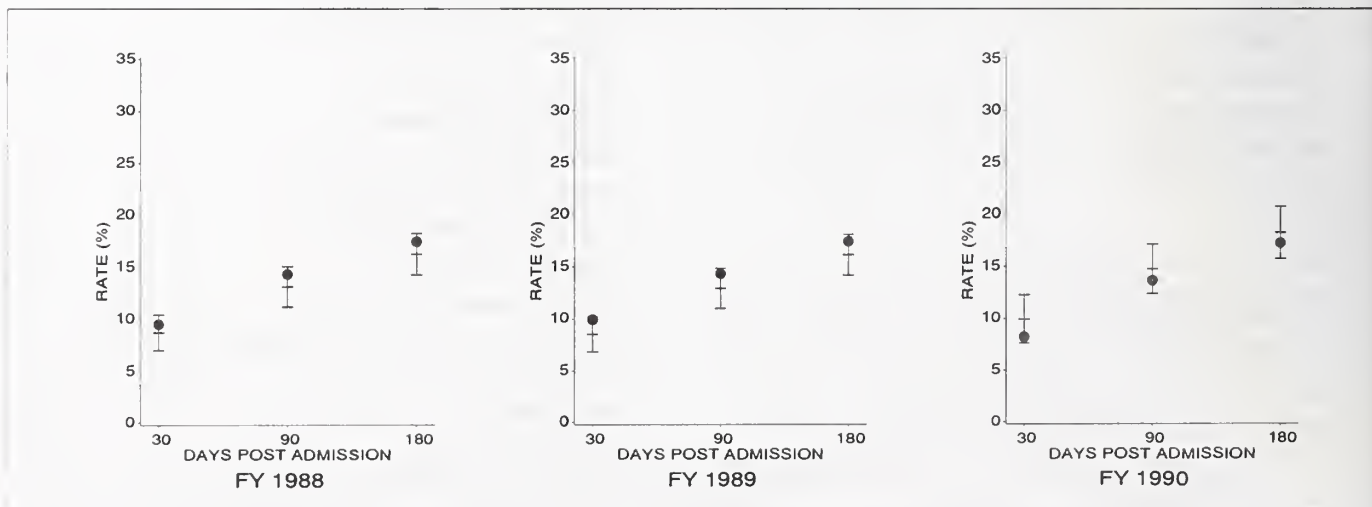
**SHERMAN HOSPITAL**  
 934 CENTER STREET  
 ELGIN, IL 60120  
 Medicare Provider Number: 140030

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2216            | 8.2                 | 9.9  | 1.2  | 13.6    | 14.7 | 1.2  | 17.2     | 18.2 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 84              | 13.1                | 22.5 | 5.4  | 14.3    | 25.2 | 5.8  | 19.0     | 27.7 | 6.7  |
| Congestive Heart Failure.....              | 130             | 13.8                | 14.4 | 3.1  | 21.5    | 22.6 | 3.9  | 29.2     | 28.8 | 4.0  |
| Pneumonia/Influenza.....                   | 93              | 16.1                | 19.7 | 6.1  | 23.7    | 26.4 | 6.9  | 31.2     | 30.6 | 6.7  |
| Chronic Obstructive Pulmonary Disease..... | 35              | 14.3                | 8.5  | ---- | 20.0    | 14.8 | ---- | 25.7     | 19.7 | ---- |
| Transient Cerebral Ischemia.....           | 36              | 0.0                 | 2.5  | ---- | 0.0     | 5.3  | ---- | 8.3      | 8.3  | ---- |
| Stroke.....                                | 98              | 17.3                | 20.3 | 5.2  | 24.5    | 26.6 | 5.7  | 29.6     | 30.1 | 6.6  |
| Hip Fracture.....                          | 37              | 0.0                 | 6.4  | ---- | 0.0     | 10.9 | ---- | 8.1      | 13.9 | ---- |
| Sepsis.....                                | 24              | 25.0                | 24.6 | ---- | 33.3    | 34.9 | ---- | 33.3     | 40.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 55              | 1.8                 | 2.9  | 2.7  | 1.8     | 4.1  | 3.3  | 3.6      | 5.2  | 3.4  |
| Coronary Artery Bypass Graft.....          | 59              | 1.7                 | 5.6  | 4.4  | 8.5     | 7.8  | 3.6  | 10.2     | 8.8  | 3.9  |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 2.9  | ---- | 10.0    | 5.7  | ---- | 10.0     | 7.9  | ---- |
| Carotid Endarterectomy.....                | 16              | 0.0                 | 2.6  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.3  | ---- |
| Hip Replacement/Reconstruction.....        | 40              | 0.0                 | 2.0  | ---- | 2.5     | 3.5  | ---- | 2.5      | 4.8  | ---- |
| Open Reduction of Hip Fracture.....        | 17              | 0.0                 | 7.3  | ---- | 0.0     | 12.6 | ---- | 11.8     | 16.1 | ---- |
| Prostatectomy.....                         | 62              | 1.6                 | 1.1  | 2.4  | 4.8     | 2.5  | 2.9  | 4.8      | 4.2  | 2.6  |
| Cholecystectomy.....                       | 42              | 0.0                 | 3.6  | ---- | 4.8     | 7.4  | ---- | 7.1      | 10.6 | ---- |
| Hysterectomy.....                          | 24              | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**SHERMAN HOSPITAL**  
Medicare Provider Number: 140030

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.1 years  
Proportion female..... 58.8 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 41.8 %  
Transferred from skilled nursing facility..... 4.7 %  
Admitted for elective procedure..... 19.5 %  
Admitted for emergency..... 52.9 %

**COMORBIDITIES:**

Cancer..... 7.4 %  
Chronic cardiovascular disease..... 39.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 4.4 %  
Chronic pulmonary disease..... 13.4 %  
Cerebrovascular degeneration..... 2.3 %  
Diabetes mellitus..... 8.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 62.5%  
State ..... 34.0%  
Outside State ..... 3.5%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 8.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 339  
Occupancy Rate ..... 62.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 26.8 %  
Case Mix Index (CMI) ..... 1.4884

**STAFFING:**

Total Number of Physicians..... 225  
Percent of Physicians Board  
Certified Specialists ..... 67.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 312  
Licensed Practical Nurses ..... 8

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SILVER CROSS HOSPITAL

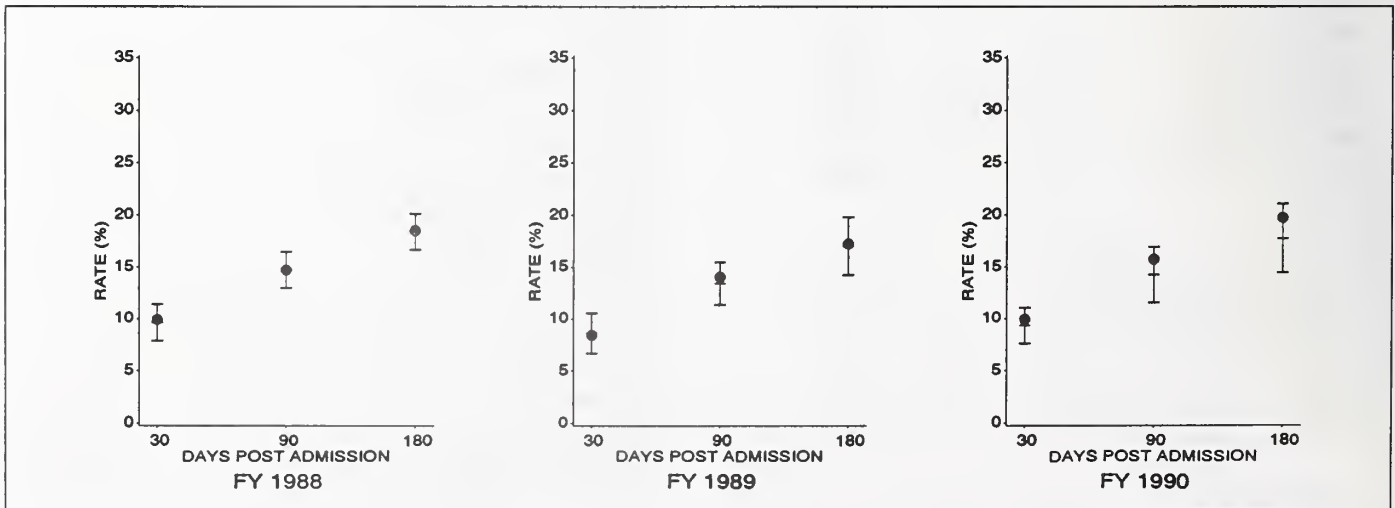
1200 MAPLE RD  
JOLIET, IL 60432  
Medicare Provider Number: 140213

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2048            | 9.9                 | 9.3  | 0.9   | 15.7    | 14.2 | 1.3   | 19.7     | 17.7 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 44              | 29.5                | 30.8 | ----- | 34.1    | 33.9 | ----- | 38.6     | 36.6 | ----- |
| Congestive Heart Failure.....              | 108             | 13.9                | 13.6 | 3.3   | 21.3    | 21.5 | 4.3   | 25.9     | 27.4 | 5.6   |
| Pneumonia/Influenza.....                   | 137             | 17.5                | 17.8 | 3.3   | 21.9    | 24.6 | 4.6   | 33.6     | 28.7 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 21              | 9.5                 | 6.5  | ----- | 19.0    | 11.4 | ----- | 23.8     | 15.6 | ----- |
| Transient Cerebral Ischemia.....           | 59              | 1.7                 | 1.9  | 1.8   | 6.8     | 4.3  | 3.5   | 8.5      | 7.0  | 3.5   |
| Stroke.....                                | 74              | 24.3                | 23.9 | 5.6   | 32.4    | 29.7 | 6.1   | 32.4     | 33.4 | 6.2   |
| Hip Fracture.....                          | 35              | 2.9                 | 6.0  | ----- | 5.7     | 10.5 | ----- | 17.1     | 13.6 | ----- |
| Sepsis.....                                | 37              | 24.3                | 21.4 | ----- | 40.5    | 28.4 | ----- | 51.4     | 32.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 31              | 3.2                 | 2.5  | ----- | 6.5     | 4.8  | ----- | 9.7      | 6.9  | ----- |
| Carotid Endarterectomy.....                | 17              | 5.9                 | 1.6  | ----- | 11.8    | 2.9  | ----- | 11.8     | 4.2  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 4.2                 | 5.2  | ----- | 4.2     | 9.6  | ----- | 4.2      | 12.9 | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 3.9  | ----- | 20.0    | 7.5  | ----- | 40.0     | 10.2 | ----- |
| Prostatectomy.....                         | 40              | 0.0                 | 1.0  | ----- | 5.0     | 2.2  | ----- | 5.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 34              | 8.8                 | 2.5  | ----- | 8.8     | 4.6  | ----- | 8.8      | 6.1  | ----- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SILVER CROSS HOSPITAL

Medicare Provider Number: 140213

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.5 years |
| Proportion female.....        | 59.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.1 % |
| Transferred from skilled nursing facility..... | 1.2 %  |
| Admitted for elective procedure.....           | 1.9 %  |
| Admitted for emergency.....                    | 7.9 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.2 %  |
| Chronic cardiovascular disease..... | 43.5 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 5.4 %  |
| Chronic pulmonary disease.....      | 17.0 % |
| Cerebrovascular degeneration.....   | 3.2 %  |
| Diabetes mellitus.....              | 13.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 79.7%  |
| State .....         | 18.5%  |
| Outside State ..... | 1.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 249                 |
| Occupancy Rate .....       | 71.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 28.2 %              |
| Case Mix Index (CMI) ..... | 1.2113              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 213    |
| Percent of Physicians Board<br>Certified Specialists..... | 80.3 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 335    |
| Licensed Practical Nurses .....                           | 20     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTH CHICAGO COMMUNITY HOSPITAL

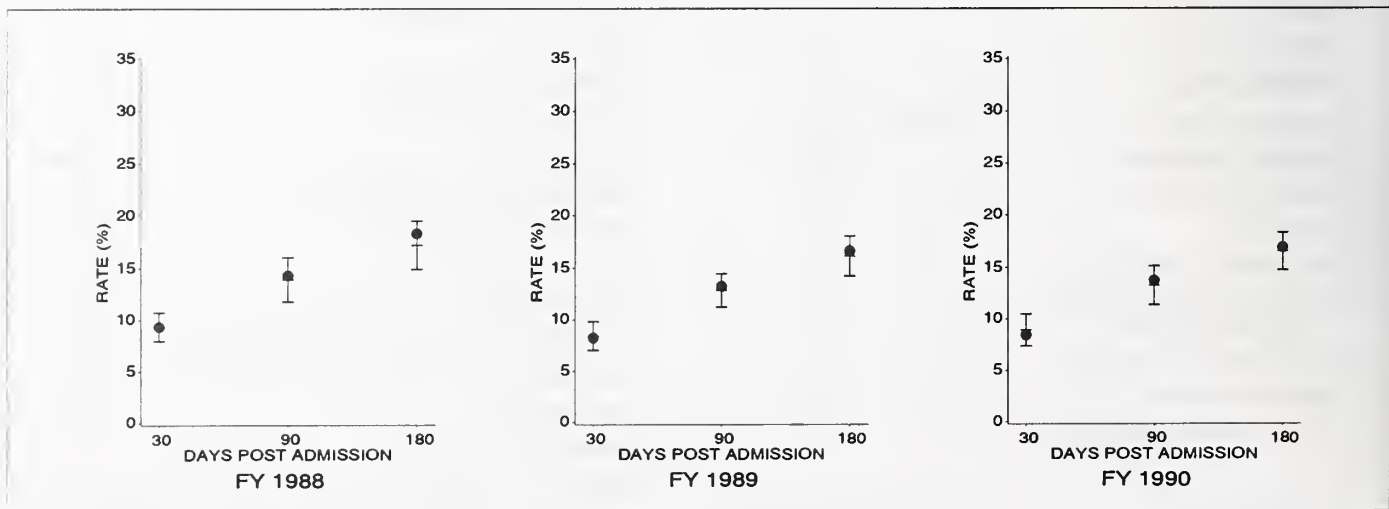
2320 E 93RD ST  
CHICAGO, IL 60617  
Medicare Provider Number: 140048

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1757            | 8.4                 | 8.9  | 0.8  | 13.7    | 13.2 | 0.9  | 16.9     | 16.5 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 55              | 10.9                | 27.6 | 7.2  | 21.8    | 30.6 | 7.1  | 23.6     | 33.7 | 6.8  |
| Congestive Heart Failure.....              | 147             | 12.9                | 13.7 | 3.1  | 21.8    | 21.7 | 3.4  | 25.2     | 27.7 | 4.7  |
| Pneumonia/Influenza.....                   | 65              | 20.0                | 14.8 | 7.7  | 24.6    | 19.9 | 9.4  | 26.2     | 23.3 | 10.7 |
| Chronic Obstructive Pulmonary Disease..... | 21              | 4.8                 | 12.7 | ---- | 14.3    | 19.8 | ---- | 14.3     | 24.7 | ---- |
| Transient Cerebral Ischemia.....           | 30              | 0.0                 | 1.8  | ---- | 3.3     | 4.1  | ---- | 6.7      | 6.5  | ---- |
| Stroke.....                                | 82              | 17.1                | 20.5 | 5.2  | 28.0    | 26.7 | 6.5  | 35.4     | 30.2 | 5.8  |
| Hip Fracture.....                          | 28              | 3.6                 | 5.2  | ---- | 3.6     | 9.3  | ---- | 7.1      | 12.0 | ---- |
| Sepsis.....                                | 19              | 21.1                | 28.1 | ---- | 36.8    | 35.9 | ---- | 42.1     | 39.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 54              | 3.7                 | 3.5  | 2.5  | 7.4     | 7.3  | 3.6  | 14.8     | 10.8 | 5.4  |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.9  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.3  | ---- |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 2.6  | ---- | 0.0     | 4.5  | ---- | 14.3     | 6.2  | ---- |
| Open Reduction of Hip Fracture.....        | 17              | 5.9                 | 4.7  | ---- | 5.9     | 8.3  | ---- | 5.9      | 10.8 | ---- |
| Prostatectomy.....                         | 47              | 2.1                 | 1.1  | ---- | 6.4     | 2.5  | ---- | 10.6     | 4.3  | ---- |
| Cholecystectomy.....                       | 30              | 10.0                | 4.3  | ---- | 10.0    | 7.7  | ---- | 10.0     | 10.0 | ---- |
| Hysterectomy.....                          | 14              | 0.0                 | 1.4  | ---- | 7.1     | 2.3  | ---- | 7.1      | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SOUTH CHICAGO COMMUNITY HOSPITAL

Medicare Provider Number: 140048

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.5 years |
| Proportion female.....        | 56.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 44.4 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 7.1 %  |
| Admitted for emergency.....                    | 90.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.6 %  |
| Chronic cardiovascular disease..... | 37.3 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 6.5 %  |
| Chronic pulmonary disease.....      | 10.7 % |
| Cerebrovascular degeneration.....   | 2.4 %  |
| Diabetes mellitus.....              | 10.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 96.4%  |
| State .....         | 0.8%   |
| Outside State ..... | 2.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.8 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 322    |
| Occupancy Rate .....       | 69.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 28.8 % |
| Case Mix Index (CMI) ..... | 1.2268 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 201    |
| Percent of Physicians Board<br>Certified Specialists ..... | 54.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 235    |
| Licensed Practical Nurses .....                            | 40     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation .....      | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTH SHORE HOSPITAL

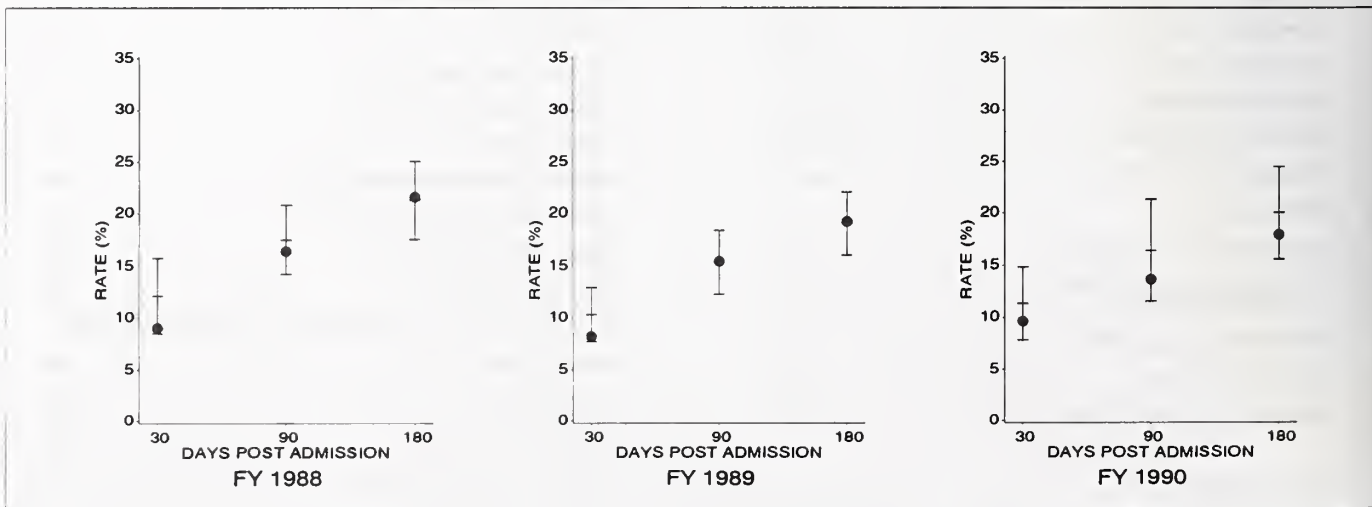
8015 SOUTH CRANDON  
CHICAGO, IL 60617  
Medicare Provider Number: 140181

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 727             | 9.6                 | 11.3 | 1.8   | 13.6    | 16.4 | 2.5   | 17.9     | 20.0 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23              | 43.5                | 37.1 | ----- | 43.5    | 39.4 | ----- | 47.8     | 42.1 | ----- |
| Congestive Heart Failure.....              | 62              | 8.1                 | 13.3 | 6.8   | 16.1    | 20.9 | 6.4   | 22.6     | 26.7 | 6.5   |
| Pneumonia/Influenza.....                   | 28              | 7.1                 | 16.0 | ----- | 7.1     | 21.9 | ----- | 10.7     | 25.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 15.0 | ----- | 16.7    | 23.8 | ----- | 33.3     | 29.2 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.8  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.7  | ----- |
| Stroke.....                                | 53              | 15.1                | 18.0 | 7.9   | 18.9    | 24.3 | 7.9   | 26.4     | 28.1 | 6.8   |
| Hip Fracture.....                          | 10              | 0.0                 | 8.0  | ----- | 10.0    | 13.4 | ----- | 30.0     | 17.1 | ----- |
| Sepsis.....                                | 10              | 60.0                | 35.8 | ----- | 60.0    | 41.9 | ----- | 60.0     | 46.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 3.0  | ----- | 16.7    | 6.2  | ----- | 16.7     | 9.6  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 6.6  | ----- | 14.3    | 11.9 | ----- | 28.6     | 15.5 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 8.1  | ----- | 0.0     | 12.7 | ----- | 33.3     | 16.3 | ----- |
| Prostatectomy.....                         | 18              | 0.0                 | 1.4  | ----- | 0.0     | 3.5  | ----- | 11.1     | 5.9  | ----- |
| Cholecystectomy.....                       | 12              | 8.3                 | 4.7  | ----- | 16.7    | 8.0  | ----- | 25.0     | 10.2 | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SOUTH SHORE HOSPITAL

Medicare Provider Number: 140181

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.3 years  
Proportion female..... 59.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.9 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 4.0 %  
Admitted for emergency..... 64.6 %

### COMORBIDITIES:

Cancer..... 5.8 %  
Chronic cardiovascular disease..... 30.7 %  
Chronic liver disease..... 1.9 %  
Chronic renal disease..... 6.3 %  
Chronic pulmonary disease..... 13.3 %  
Cerebrovascular degeneration..... 2.9 %  
Diabetes mellitus..... 12.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 97.9%  
State ..... 0.2%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 10.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 124  
Occupancy Rate ..... 78.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 29.8 %  
Case Mix Index (CMI) ..... 1.2819

### STAFFING:

Total Number of Physicians..... 130  
Percent of Physicians Board  
Certified Specialists ..... 46.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 98  
Licensed Practical Nurses ..... 23

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTH SUBURBAN HOSPITAL

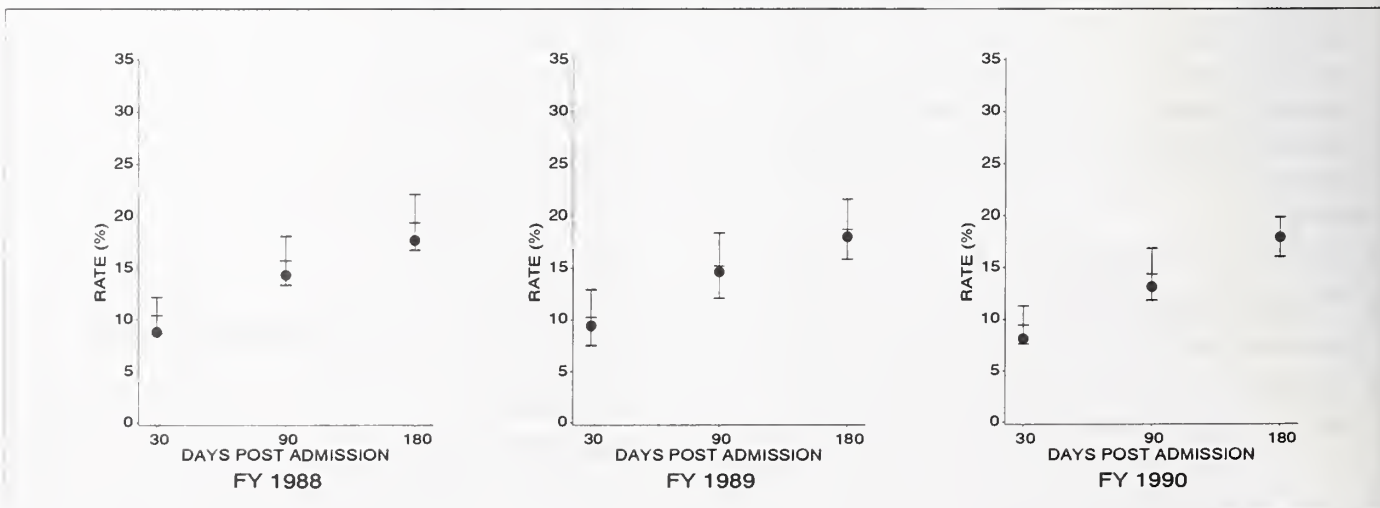
17800 S KEDZIE AVE  
HAZEL CREST, IL 60429  
Medicare Provider Number: 140250

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1980            | 8.1                 | 9.4  | 0.9   | 13.1    | 14.3 | 1.3   | 17.9     | 17.9 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 58              | 17.2                | 28.0 | 7.8   | 20.7    | 31.4 | 7.6   | 25.9     | 34.5 | 7.6   |
| Congestive Heart Failure.....              | 139             | 11.5                | 13.8 | 3.5   | 16.5    | 21.9 | 4.5   | 28.8     | 28.2 | 4.6   |
| Pneumonia/Influenza.....                   | 112             | 17.0                | 16.5 | 3.5   | 20.5    | 22.2 | 4.2   | 27.7     | 26.3 | 4.8   |
| Chronic Obstructive Pulmonary Disease..... | 36              | 8.3                 | 8.4  | ----- | 13.9    | 14.6 | ----- | 16.7     | 19.5 | ----- |
| Transient Cerebral Ischemia.....           | 38              | 2.6                 | 1.8  | ----- | 5.3     | 3.9  | ----- | 10.5     | 6.2  | ----- |
| Stroke.....                                | 79              | 13.9                | 19.2 | 5.1   | 21.5    | 25.1 | 6.5   | 30.4     | 28.8 | 6.3   |
| Hip Fracture.....                          | 39              | 7.7                 | 5.3  | ----- | 15.4    | 9.2  | ----- | 15.4     | 12.1 | ----- |
| Sepsis.....                                | 25              | 28.0                | 24.9 | ----- | 40.0    | 33.4 | ----- | 40.0     | 38.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 13              | 0.0                 | 3.4  | ----- | 7.7     | 6.9  | ----- | 23.1     | 10.1 | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.1  | ----- | 0.0     | 2.0  | ----- | 12.5     | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 8.3                 | 3.1  | ----- | 12.5    | 5.6  | ----- | 12.5     | 7.6  | ----- |
| Open Reduction of Hip Fracture.....        | 21              | 0.0                 | 4.8  | ----- | 4.8     | 8.6  | ----- | 4.8      | 11.4 | ----- |
| Prostatectomy.....                         | 46              | 2.2                 | 1.1  | ----- | 2.2     | 2.6  | ----- | 4.3      | 4.4  | ----- |
| Cholecystectomy.....                       | 40              | 2.5                 | 2.4  | ----- | 7.5     | 4.5  | ----- | 7.5      | 6.1  | ----- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.3  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SOUTH SUBURBAN HOSPITAL

Medicare Provider Number: 140250

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.0 years |
| Proportion female.....        | 58.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 42.0 % |
| Transferred from skilled nursing facility..... | 1.6 %  |
| Admitted for elective procedure.....           | 17.1 % |
| Admitted for emergency.....                    | 51.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.1 %  |
| Chronic cardiovascular disease..... | 41.0 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 3.8 %  |
| Chronic pulmonary disease.....      | 17.1 % |
| Cerebrovascular degeneration.....   | 2.9 %  |
| Diabetes mellitus.....              | 11.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 87.4%  |
| State.....         | 10.0%  |
| Outside State..... | 2.6%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 8.7 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 228                 |
| Occupancy Rate.....       | 77.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 36.3 %              |
| Case Mix Index (CMI)..... | 1.2235              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 223    |
| Percent of Physicians Board<br>Certified Specialists..... | 69.1 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 235    |
| Licensed Practical Nurses.....                            | 1      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SPARTA COMMUNITY HOSPITAL DISTRICT

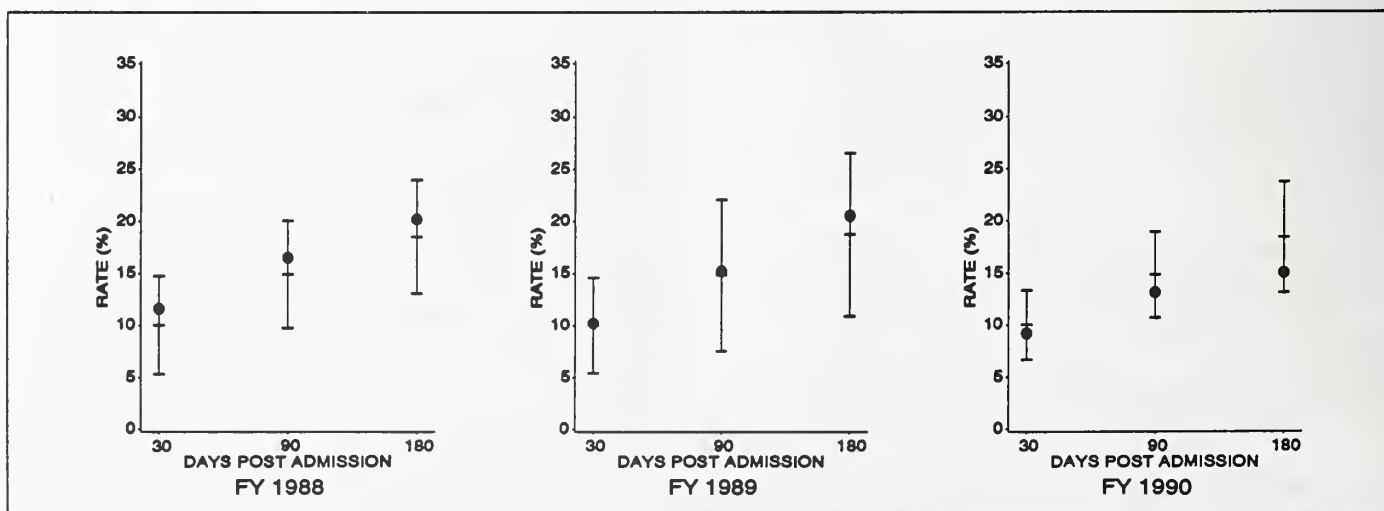
818 E BROADWAY  
SPARTA, IL 62286  
Medicare Provider Number: 140109

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 360                | 9.2                 | 10.0 | 1.7   | 13.1    | 14.8 | 2.1   | 15.0     | 18.4 | 2.7   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 14                 | 28.6                | 32.8 | ----- | 28.6    | 36.9 | ----- | 28.6     | 40.2 | ----- |
| Congestive Heart Failure.....              | 30                 | 13.3                | 12.5 | ----- | 16.7    | 19.7 | ----- | 23.3     | 26.0 | ----- |
| Pneumonia/Influenza.....                   | 25                 | 8.0                 | 13.7 | ----- | 12.0    | 18.4 | ----- | 16.0     | 22.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 6.4  | ----- | 0.0     | 10.0 | ----- | 0.0      | 14.1 | ----- |
| Transient Cerebral Ischemia.....           | 12                 | 8.3                 | 1.8  | ----- | 16.7    | 4.3  | ----- | 16.7     | 7.3  | ----- |
| Stroke.....                                | 12                 | 16.7                | 19.4 | ----- | 33.3    | 26.9 | ----- | 33.3     | 32.2 | ----- |
| Hip Fracture.....                          | 5                  | 0.0                 | 8.8  | ----- | 20.0    | 15.3 | ----- | 20.0     | 20.2 | ----- |
| Sepsis.....                                | 5                  | 0.0                 | 21.4 | ----- | 20.0    | 29.1 | ----- | 20.0     | 34.1 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 3                  | 0.0                 | 6.0  | ----- | 0.0     | 12.5 | ----- | 0.0      | 19.6 | ----- |
| Open Reduction of Hip Fracture.....        | 2                  | 0.0                 | 8.6  | ----- | 50.0    | 14.9 | ----- | 50.0     | 19.6 | ----- |
| Prostatectomy.....                         | 11                 | 0.0                 | 1.0  | ----- | 9.1     | 2.6  | ----- | 9.1      | 4.6  | ----- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 2.0  | ----- | 0.0     | 4.3  | ----- | 0.0      | 6.6  | ----- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SPARTA COMMUNITY HOSPITAL DISTRICT

Medicare Provider Number: 140109

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.4 years |
| Proportion female.....        | 60.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 90.3 % |
| Transferred from skilled nursing facility..... | 4.7 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 60.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.3 %  |
| Chronic cardiovascular disease..... | 46.1 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 2.5 %  |
| Chronic pulmonary disease.....      | 18.9 % |
| Cerebrovascular degeneration.....   | 5.8 %  |
| Diabetes mellitus.....              | 5.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 74.6%  |
| State.....         | 23.8%  |
| Outside State..... | 1.6%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 7.6 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                    |
|---------------------------|--------------------|
| Total Beds.....           | 56                 |
| Occupancy Rate.....       | 30.0 %             |
| Ownership/Control.....    | District/Authority |
| Medicare Discharges.....  | 40.1 %             |
| Case Mix Index (CMI)..... | 0.9997             |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 7      |
| Percent of Physicians Board<br>Certified Specialists..... | 57.1 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 22     |
| Licensed Practical Nurses.....                            | 3      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |    |
|--------------------------|----|
| Alcohol/Drug.....        | No |
| Rehabilitation.....      | No |
| Psychiatric.....         | No |
| Medicare Swing Beds..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ANTHONY HEALTH CENTER

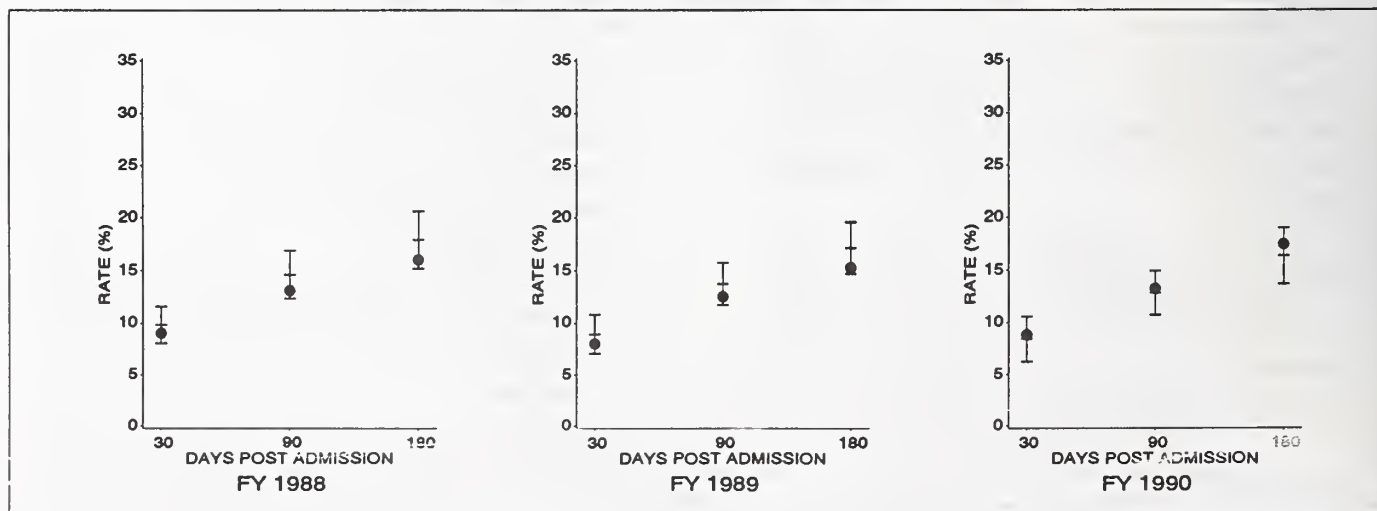
ST ANTHONYS WAY  
ALTON, IL 62002  
Medicare Provider Number: 140052

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1651            | 8.8                 | 8.4  | 1.1  | 13.2    | 12.8 | 1.1  | 17.4     | 16.3 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 64              | 34.4                | 30.4 | 8.3  | 35.9    | 33.9 | 8.9  | 42.2     | 37.1 | 8.6  |
| Congestive Heart Failure.....              | 86              | 18.6                | 14.2 | 6.4  | 24.4    | 22.3 | 5.5  | 32.6     | 28.3 | 6.4  |
| Pneumonia/Influenza.....                   | 97              | 16.5                | 14.7 | 3.8  | 25.8    | 20.3 | 6.0  | 30.9     | 24.2 | 6.1  |
| Chronic Obstructive Pulmonary Disease..... | 40              | 2.5                 | 6.6  | ---- | 10.0    | 12.1 | ---- | 10.0     | 16.2 | ---- |
| Transient Cerebral Ischemia.....           | 20              | 0.0                 | 1.8  | ---- | 0.0     | 4.3  | ---- | 5.0      | 7.1  | ---- |
| Stroke.....                                | 64              | 9.4                 | 15.8 | 5.0  | 12.5    | 21.3 | 6.0  | 18.8     | 24.8 | 6.6  |
| Hip Fracture.....                          | 35              | 8.6                 | 6.2  | ---- | 22.9    | 10.9 | ---- | 22.9     | 14.1 | ---- |
| Sepsis.....                                | 23              | 13.0                | 20.9 | ---- | 26.1    | 28.7 | ---- | 26.1     | 33.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 9               | 11.1                | 4.6  | ---- | 11.1    | 7.7  | ---- | 11.1     | 10.6 | ---- |
| Carotid Endarterectomy.....                | 15              | 6.7                 | 1.8  | ---- | 6.7     | 3.2  | ---- | 6.7      | 4.7  | ---- |
| Hip Replacement/Reconstruction.....        | 23              | 4.3                 | 4.7  | ---- | 17.4    | 8.6  | ---- | 17.4     | 11.2 | ---- |
| Open Reduction of Hip Fracture.....        | 13              | 0.0                 | 5.1  | ---- | 7.7     | 9.7  | ---- | 7.7      | 13.2 | ---- |
| Prostatectomy.....                         | 57              | 1.8                 | 1.1  | 1.5  | 1.8     | 2.4  | 2.4  | 3.5      | 4.1  | 3.3  |
| Cholecystectomy.....                       | 27              | 3.7                 | 2.2  | ---- | 7.4     | 3.7  | ---- | 11.1     | 4.7  | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST ANTHONY HEALTH CENTER

Medicare Provider Number: 140052

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.9 years |
| Proportion female.....        | 53.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 34.0 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 0.3 %  |
| Admitted for emergency.....                    | 0.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.4 %  |
| Chronic cardiovascular disease..... | 37.1 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 17.3 % |
| Cerebrovascular degeneration.....   | 6.4 %  |
| Diabetes mellitus.....              | 7.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 83.4%  |
| State .....         | 13.8%  |
| Outside State ..... | 2.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 211    |
| Occupancy Rate .....       | 57.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 46.1 % |
| Case Mix Index (CMI) ..... | 1.1420 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 112    |
| Percent of Physicians Board<br>Certified Specialists ..... | 68.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 145    |
| Licensed Practical Nurses .....                            | 38     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ANTHONY MEDICAL CENTER

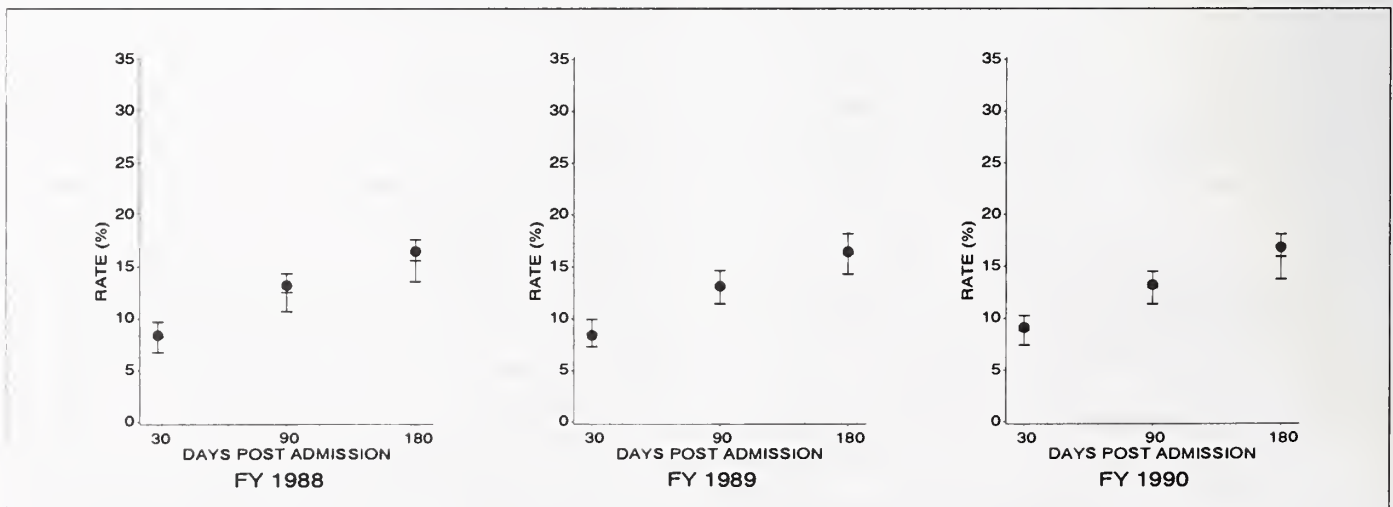
5666 EAST STATE STREET  
ROCKFORD, IL 61108  
Medicare Provider Number: 140233

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2095            | 9.1                 | 8.8  | 0.7  | 13.2    | 12.9 | 0.8  | 16.8     | 15.9 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 77              | 26.0                | 26.4 | 5.0  | 29.9    | 29.1 | 5.3  | 32.5     | 31.7 | 5.4  |
| Congestive Heart Failure.....              | 130             | 13.8                | 13.2 | 3.0  | 19.2    | 20.7 | 3.7  | 30.0     | 26.8 | 4.9  |
| Pneumonia/Influenza.....                   | 75              | 9.3                 | 13.8 | 6.4  | 14.7    | 19.1 | 6.0  | 20.0     | 22.6 | 5.3  |
| Chronic Obstructive Pulmonary Disease..... | 18              | 5.6                 | 7.3  | ---- | 5.6     | 12.3 | ---- | 11.1     | 16.1 | ---- |
| Transient Cerebral Ischemia.....           | 38              | 0.0                 | 1.3  | ---- | 2.6     | 2.9  | ---- | 2.6      | 4.9  | ---- |
| Stroke.....                                | 79              | 22.8                | 24.1 | 5.4  | 29.1    | 29.8 | 5.2  | 30.4     | 33.2 | 5.6  |
| Hip Fracture.....                          | 30              | 3.3                 | 6.6  | ---- | 10.0    | 11.6 | ---- | 10.0     | 14.8 | ---- |
| Sepsis.....                                | 19              | 15.8                | 22.2 | ---- | 21.1    | 30.4 | ---- | 31.6     | 35.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 80              | 7.5                 | 3.5  | 2.9  | 11.2    | 4.4  | 4.0  | 11.2     | 5.3  | 4.3  |
| Coronary Artery Bypass Graft.....          | 69              | 8.7                 | 5.2  | 4.0  | 11.6    | 7.4  | 4.7  | 11.6     | 8.4  | 4.3  |
| Initial Pacemaker Insertion.....           | 24              | 4.2                 | 2.7  | ---- | 4.2     | 5.6  | ---- | 8.3      | 8.4  | ---- |
| Carotid Endarterectomy.....                | 15              | 0.0                 | 1.0  | ---- | 0.0     | 1.9  | ---- | 0.0      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 46              | 0.0                 | 1.9  | ---- | 0.0     | 3.5  | ---- | 4.3      | 4.6  | ---- |
| Open Reduction of Hip Fracture.....        | 17              | 0.0                 | 6.0  | ---- | 11.8    | 10.7 | ---- | 11.8     | 14.0 | ---- |
| Prostatectomy.....                         | 66              | 3.0                 | 0.9  | 2.1  | 3.0     | 2.1  | 2.0  | 3.0      | 3.7  | 2.5  |
| Cholecystectomy.....                       | 31              | 0.0                 | 2.7  | ---- | 3.2     | 5.1  | ---- | 6.5      | 6.8  | ---- |
| Hysterectomy.....                          | 17              | 5.9                 | 0.6  | ---- | 11.8    | 1.5  | ---- | 11.8     | 2.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST ANTHONY MEDICAL CENTER

Medicare Provider Number: 140233

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.2 years  
Proportion female..... 53.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.4 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 26.5 %  
Admitted for emergency..... 45.0 %

### COMORBIDITIES:

Cancer..... 7.4 %  
Chronic cardiovascular disease..... 46.0 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 0.8 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 1.5 %  
Diabetes mellitus..... 8.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 57.5%  
State ..... 36.0%  
Outside State ..... 6.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 247  
Occupancy Rate ..... 60.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 29.7 %  
Case Mix Index (CMI) ..... 1.5610

### STAFFING:

Total Number of Physicians..... 134  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 279  
Licensed Practical Nurses ..... 50

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ANTHONYS HOSPITAL

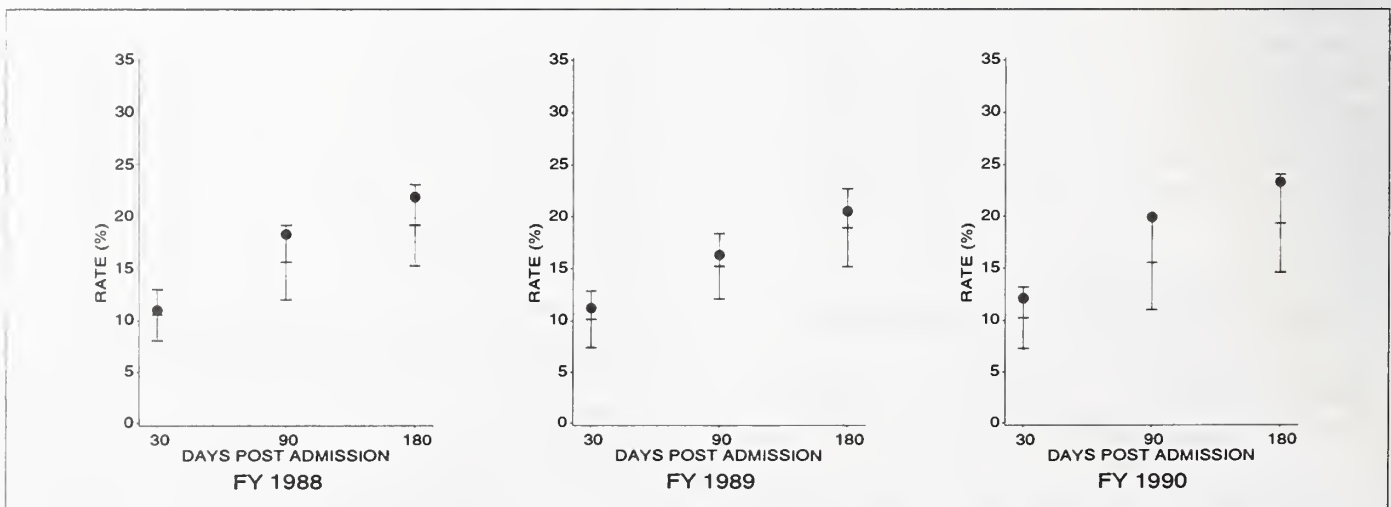
2875 WEST 19TH STREET  
CHICAGO, IL 60623  
Medicare Provider Number: 140095

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 593                | 12.1                | 10.2 | 1.5  | 19.9    | 15.5 | 2.3  | 23.3     | 19.3 | 2.4  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 17                 | 29.4                | 21.4 | ---- | 41.2    | 23.7 | ---- | 47.1     | 25.9 | ---- |
| Congestive Heart Failure.....              | 41                 | 17.1                | 12.8 | ---- | 26.8    | 20.8 | ---- | 31.7     | 26.6 | ---- |
| Pneumonia/Influenza.....                   | 23                 | 25.0                | 14.6 | ---- | 25.0    | 19.9 | ---- | 25.0     | 23.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 0.0                 | 9.6  | ---- | 0.0     | 15.6 | ---- | 0.0      | 19.9 | ---- |
| Transient Cerebral Ischemia.....           | 5                  | 0.0                 | 1.4  | ---- | 0.0     | 3.4  | ---- | 0.0      | 5.8  | ---- |
| Stroke.....                                | 35                 | 11.4                | 21.5 | ---- | 28.6    | 29.1 | ---- | 31.4     | 33.2 | ---- |
| Hip Fracture.....                          | 15                 | 6.7                 | 3.9  | ---- | 6.7     | 7.4  | ---- | 6.7      | 10.0 | ---- |
| Sepsis.....                                | 18                 | 33.3                | 23.0 | ---- | 50.0    | 33.0 | ---- | 61.1     | 38.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 2                  | 0.0                 | 4.1  | ---- | 0.0     | 8.1  | ---- | 0.0      | 10.7 | ---- |
| Open Reduction of Hip Fracture.....        | 13                 | 7.7                 | 3.5  | ---- | 7.7     | 6.8  | ---- | 7.7      | 9.4  | ---- |
| Prostatectomy.....                         | 14                 | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 7.1      | 4.3  | ---- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 4.1  | ---- | 28.6    | 7.8  | ---- | 28.6     | 10.0 | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST ANTHONYS HOSPITAL

Medicare Provider Number: 140095

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.6 years |
| Proportion female.....        | 54.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 27.8 % |
| Transferred from skilled nursing facility..... | 1.3 %  |
| Admitted for elective procedure.....           | 0.2 %  |
| Admitted for emergency.....                    | 23.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.2 %  |
| Chronic cardiovascular disease..... | 35.2 % |
| Chronic liver disease.....          | 1.9 %  |
| Chronic renal disease.....          | 3.2 %  |
| Chronic pulmonary disease.....      | 9.9 %  |
| Cerebrovascular degeneration.....   | 4.4 %  |
| Diabetes mellitus.....              | 12.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 97.4%  |
| State .....         | 1.0%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 10.7 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                 |
|----------------------------|-----------------|
| Total Beds .....           | 161             |
| Occupancy Rate .....       | 70.0 %          |
| Ownership/Control.....     | Church          |
| Medicare Discharges .....  | (Not Available) |
| Case Mix Index (CMI) ..... | 1.2753          |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 97     |
| Percent of Physicians Board<br>Certified Specialists ..... | 35.1 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 118    |
| Licensed Practical Nurses .....                            | 57     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | No  |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ANTHONYS MEMORIAL HOSPITAL

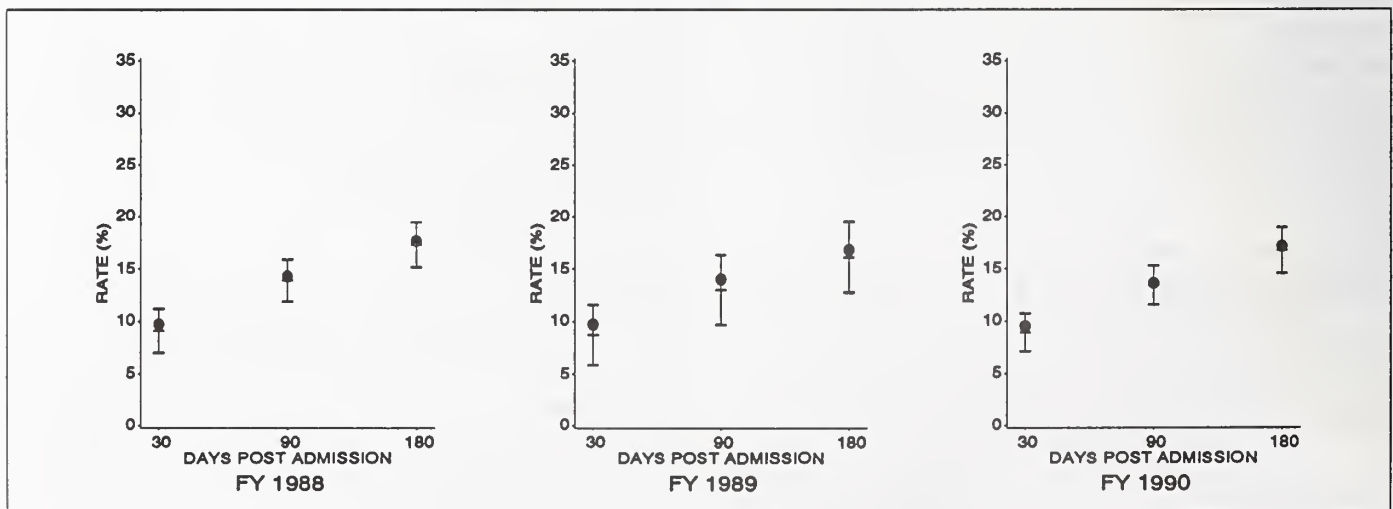
503 N MAPLE STREET  
EFFINGHAM, IL 62401  
Medicare Provider Number: 140032

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1515            | 9.5                 | 8.9  | 0.9   | 13.6    | 13.4 | 0.9   | 17.1     | 16.7 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 47              | 31.9                | 29.5 | ----- | 34.0    | 32.7 | ----- | 38.3     | 35.7 | ----- |
| Congestive Heart Failure.....              | 57              | 29.8                | 14.9 | 6.9   | 35.1    | 23.5 | 6.9   | 36.8     | 29.6 | 6.6   |
| Pneumonia/Influenza.....                   | 141             | 12.1                | 15.9 | 4.5   | 17.0    | 21.6 | 4.5   | 19.9     | 25.6 | 5.0   |
| Chronic Obstructive Pulmonary Disease..... | 31              | 6.5                 | 8.0  | ----- | 6.5     | 13.8 | ----- | 12.9     | 18.3 | ----- |
| Transient Cerebral Ischemia.....           | 27              | 0.0                 | 2.0  | ----- | 0.0     | 4.7  | ----- | 0.0      | 7.7  | ----- |
| Stroke.....                                | 59              | 20.3                | 18.4 | 5.6   | 27.1    | 25.1 | 7.5   | 32.2     | 29.0 | 7.4   |
| Hip Fracture.....                          | 36              | 8.3                 | 7.0  | ----- | 8.3     | 12.5 | ----- | 8.3      | 16.1 | ----- |
| Sepsis.....                                | 17              | 5.9                 | 26.6 | ----- | 17.6    | 34.1 | ----- | 23.5     | 39.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.0  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 8.3                 | 5.4  | ----- | 8.3     | 10.1 | ----- | 12.5     | 13.4 | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 7.7                 | 6.3  | ----- | 7.7     | 11.7 | ----- | 7.7      | 15.5 | ----- |
| Prostatectomy.....                         | 81              | 0.0                 | 0.8  | 1.4   | 2.5     | 1.9  | 1.7   | 3.7      | 3.2  | 2.4   |
| Cholecystectomy.....                       | 32              | 0.0                 | 2.9  | ----- | 0.0     | 5.3  | ----- | 0.0      | 7.1  | ----- |
| Hysterectomy.....                          | 15              | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST ANTHONYS MEMORIAL HOSPITAL

Medicare Provider Number: 140032

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 53.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.5 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 36.8 %  
Admitted for emergency..... 47.3 %

### COMORBIDITIES:

Cancer..... 9.0 %  
Chronic cardiovascular disease..... 34.4 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 17.4 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 52.0%  
State ..... 46.8%  
Outside State ..... 1.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 146  
Occupancy Rate ..... 58.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 40.1 %  
Case Mix Index (CMI) ..... 1.2071

### STAFFING:

Total Number of Physicians..... 45  
Percent of Physicians Board  
Certified Specialists..... 62.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 84  
Licensed Practical Nurses..... 24

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST BERNARD HOSPITAL

64TH & DAN RYAN EXPRESSWAY

CHICAGO, IL 60621

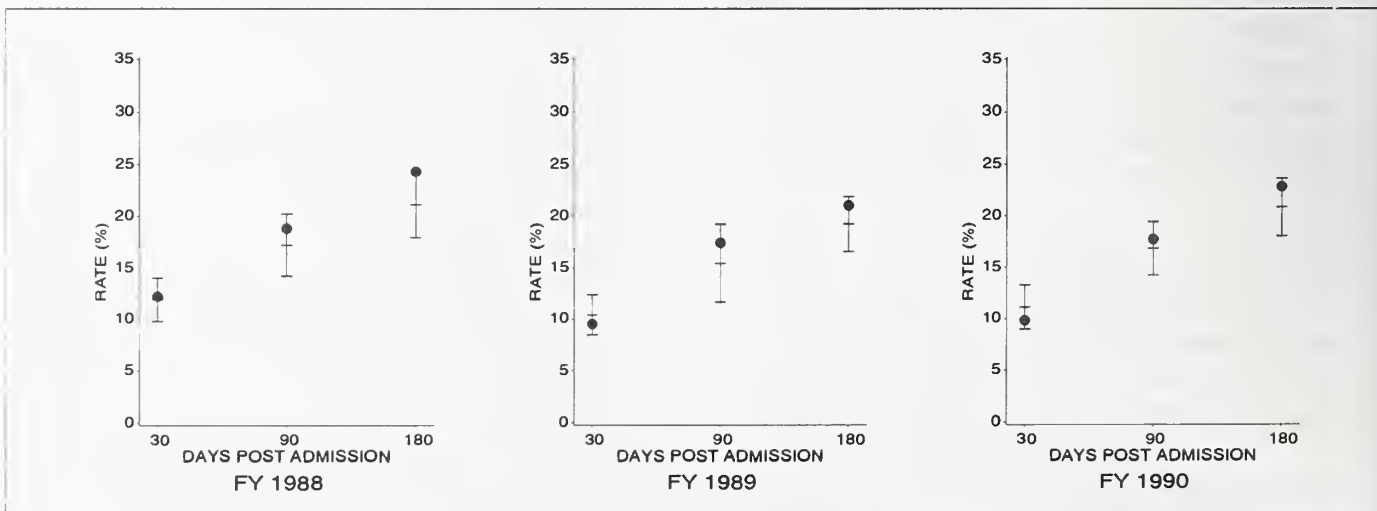
Medicare Provider Number: 140103

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 956             | 9.8                 | 11.1 | 1.1   | 17.7    | 16.8 | 1.3   | 22.8     | 20.8 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 20              | 35.0                | 28.8 | ----- | 35.0    | 32.8 | ----- | 35.0     | 35.5 | ----- |
| Congestive Heart Failure.....              | 75              | 9.3                 | 14.7 | 4.7   | 16.0    | 23.9 | 5.8   | 26.7     | 30.1 | 5.5   |
| Pneumonia/Influenza.....                   | 51              | 19.6                | 15.7 | 5.3   | 31.4    | 21.9 | 8.5   | 41.2     | 26.1 | 8.7   |
| Chronic Obstructive Pulmonary Disease..... | 28              | 14.3                | 10.9 | ----- | 21.4    | 18.6 | ----- | 25.0     | 24.4 | ----- |
| Transient Cerebral Ischemia.....           | 24              | 0.0                 | 1.8  | ----- | 4.2     | 4.2  | ----- | 8.3      | 7.0  | ----- |
| Stroke.....                                | 63              | 14.3                | 21.9 | 5.7   | 28.6    | 27.6 | 5.7   | 36.5     | 31.1 | 6.0   |
| Hip Fracture.....                          | 7               | 0.0                 | 5.1  | ----- | 0.0     | 9.4  | ----- | 14.3     | 12.5 | ----- |
| Sepsis.....                                | 6               | 16.7                | 26.1 | ----- | 50.0    | 38.0 | ----- | 50.0     | 43.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 3.2  | ----- | 0.0     | 6.1  | ----- | 0.0      | 8.5  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 2               | 0.0                 | 5.8  | ----- | 0.0     | 10.2 | ----- | 0.0      | 13.2 | ----- |
| Prostatectomy.....                         | 28              | 0.0                 | 2.6  | ----- | 3.6     | 6.3  | ----- | 3.6      | 10.0 | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 3.6  | ----- | 0.0     | 6.2  | ----- | 0.0      | 8.0  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.7  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST BERNARD HOSPITAL

Medicare Provider Number: 140103

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.1 years |
| Proportion female.....        | 54.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 15.0 % |
| Transferred from skilled nursing facility..... | 0.8 %  |
| Admitted for elective procedure.....           | 0.4 %  |
| Admitted for emergency.....                    | 79.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.3 %  |
| Chronic cardiovascular disease..... | 34.0 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 21.1 % |
| Cerebrovascular degeneration.....   | 6.5 %  |
| Diabetes mellitus.....              | 10.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 97.7%  |
| State .....         | 0.3%   |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 13.3 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 252    |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.2172 |

### STAFFING:

|                                 |     |
|---------------------------------|-----|
| Medical Residents/Interns ..... | 6   |
| Registered Nurses.....          | 107 |
| Licensed Practical Nurses.....  | 14  |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST CABRINI HOSPITAL

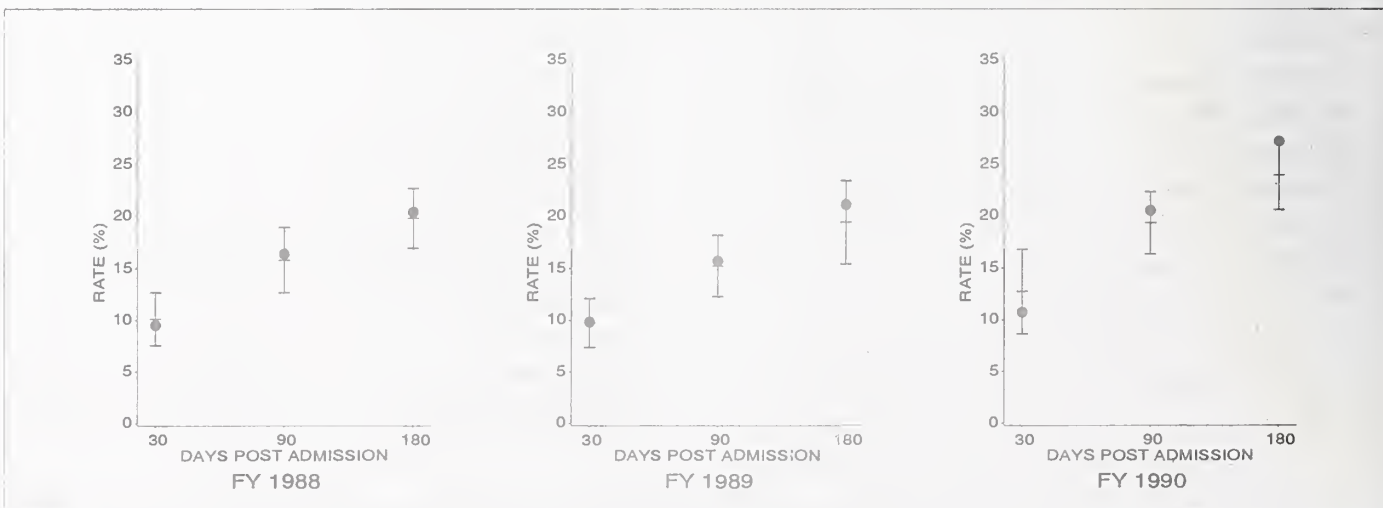
811 S LYTTLE ST  
CHICAGO, IL 60607  
Medicare Provider Number: 14C212

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 897                | 10.7                | 12.7 | 2.0  | 20.5    | 19.3 | 1.5  | 27.2     | 23.9 | 1.7  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 18                 | 27.8                | 27.8 | ---- | 33.3    | 31.2 | ---- | 33.3     | 33.9 | ---- |
| Congestive Heart Failure.....              | 64                 | 7.8                 | 12.5 | 5.8  | 21.9    | 21.0 | 5.2  | 29.7     | 27.2 | 6.9  |
| Pneumonia/Influenza.....                   | 70                 | 17.1                | 18.3 | 5.2  | 34.3    | 25.5 | 6.4  | 40.0     | 30.0 | 7.0  |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 0.0                 | 10.3 | ---- | 0.0     | 17.0 | ---- | 0.0      | 22.6 | ---- |
| Transient Cerebral Ischemia.....           | 22                 | 0.0                 | 2.1  | ---- | 0.0     | 4.8  | ---- | 0.0      | 8.0  | ---- |
| Stroke.....                                | 33                 | 15.2                | 20.6 | ---- | 15.2    | 26.4 | ---- | 27.3     | 29.9 | ---- |
| Hip Fracture.....                          | 6                  | 16.7                | 5.5  | ---- | 50.0    | 10.7 | ---- | 66.7     | 15.1 | ---- |
| Sepsis.....                                | 43                 | 18.6                | 25.7 | ---- | 48.8    | 35.0 | ---- | 53.5     | 40.2 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 4.8  | ---- | 25.0    | 9.8  | ---- | 50.0     | 14.6 | ---- |
| Prostatectomy.....                         | 17                 | 5.9                 | 2.7  | ---- | 5.9     | 6.4  | ---- | 11.8     | 10.6 | ---- |
| Cholecystectomy.....                       | 3                  | 0.0                 | 10.2 | ---- | 33.3    | 21.5 | ---- | 33.3     | 31.0 | ---- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.0  | ---- | 0.0     | 0.1  | ---- | 0.0      | 0.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST CABRINI HOSPITAL

Medicare Provider Number: 140212

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.4 years |
| Proportion female.....        | 62.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 34.4 % |
| Transferred from skilled nursing facility..... | 0.7 %  |
| Admitted for elective procedure.....           | 2.8 %  |
| Admitted for emergency.....                    | 62.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.6 %  |
| Chronic cardiovascular disease..... | 27.8 % |
| Chronic liver disease.....          | 1.7 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 11.5 % |
| Cerebrovascular degeneration.....   | 4.3 %  |
| Diabetes mellitus.....              | 12.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 97.4%  |
| State .....         | 1.0%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 11.1 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 200    |
| Occupancy Rate .....       | 62.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 23.7 % |
| Case Mix Index (CMI) ..... | 1.2877 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 297    |
| Percent of Physicians Board<br>Certified Specialists ..... | 76.4 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 70     |
| Licensed Practical Nurses .....                            | 48     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST CLEMENT HOSPITAL

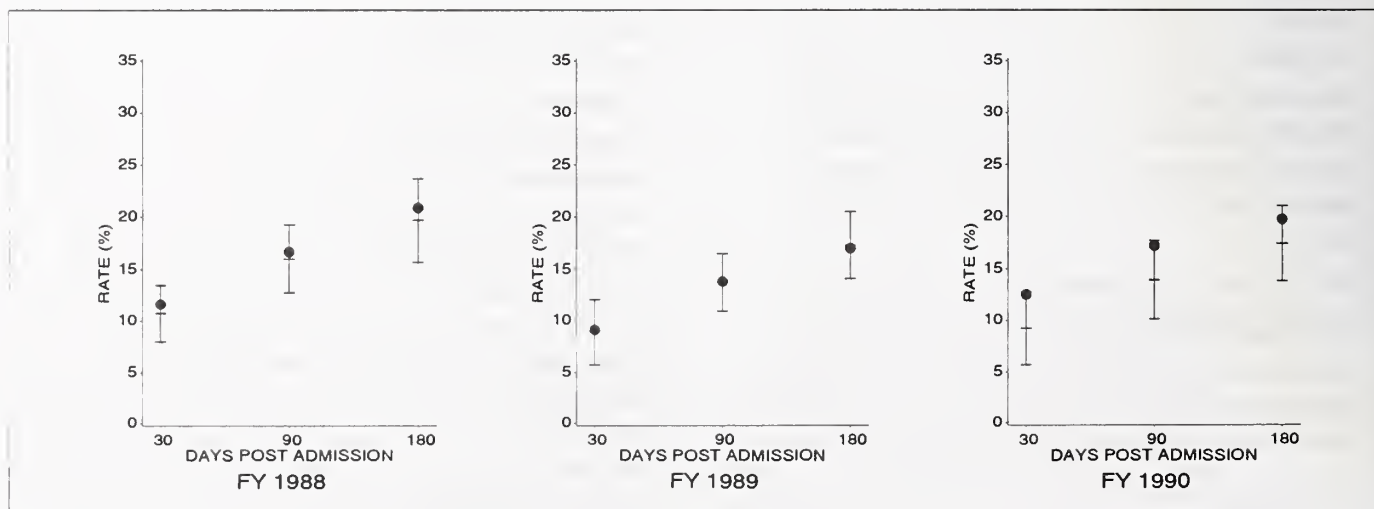
325 SPRING STREET  
RED BUD, IL 62278  
Medicare Provider Number: 140061

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 646             | 12.5                | 9.2  | 1.8   | 17.2    | 13.9 | 1.9   | 19.7     | 17.4 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13              | 46.2                | 26.5 | ----- | 46.2    | 29.1 | ----- | 46.2     | 31.9 | ----- |
| Congestive Heart Failure.....              | 38              | 26.3                | 15.2 | ----- | 34.2    | 23.2 | ----- | 34.2     | 29.6 | ----- |
| Pneumonia/Influenza.....                   | 50              | 18.0                | 16.5 | ----- | 22.0    | 22.5 | ----- | 28.0     | 26.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 12              | 16.7                | 10.2 | ----- | 25.0    | 16.7 | ----- | 25.0     | 21.8 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 4.5                 | 1.8  | ----- | 4.5     | 4.2  | ----- | 4.5      | 7.2  | ----- |
| Stroke.....                                | 22              | 31.8                | 19.6 | ----- | 40.9    | 26.3 | ----- | 45.5     | 30.3 | ----- |
| Hip Fracture.....                          | 19              | 10.5                | 10.3 | ----- | 15.8    | 18.3 | ----- | 21.1     | 23.3 | ----- |
| Sepsis.....                                | 2               | 0.0                 | 19.9 | ----- | 0.0     | 27.8 | ----- | 0.0      | 33.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 2.4  | ----- | 0.0     | 4.8  | ----- | 0.0      | 7.7  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 5.7  | ----- | 0.0     | 10.7 | ----- | 11.1     | 14.5 | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 18.2                | 10.4 | ----- | 27.3    | 19.5 | ----- | 27.3     | 25.2 | ----- |
| Prostatectomy.....                         | 12              | 0.0                 | 1.5  | ----- | 0.0     | 3.3  | ----- | 0.0      | 5.5  | ----- |
| Cholecystectomy.....                       | 22              | 4.5                 | 3.0  | ----- | 9.1     | 4.9  | ----- | 13.6     | 6.5  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST CLEMENT HOSPITAL

Medicare Provider Number: 140061

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 78.4 years |
| Proportion female.....        | 61.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 62.4 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 51.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.7 %  |
| Chronic cardiovascular disease..... | 44.5 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 1.5 %  |
| Chronic pulmonary disease.....      | 18.5 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 46.8%  |
| State .....         | 50.8%  |
| Outside State ..... | 2.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 105    |
| Occupancy Rate .....       | 54.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 49.7 % |
| Case Mix Index (CMI) ..... | 1.1596 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 14     |
| Percent of Physicians Board<br>Certified Specialists ..... | 42.9 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 43     |
| Licensed Practical Nurses .....                            | 2      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ELIZABETH HOSPITAL

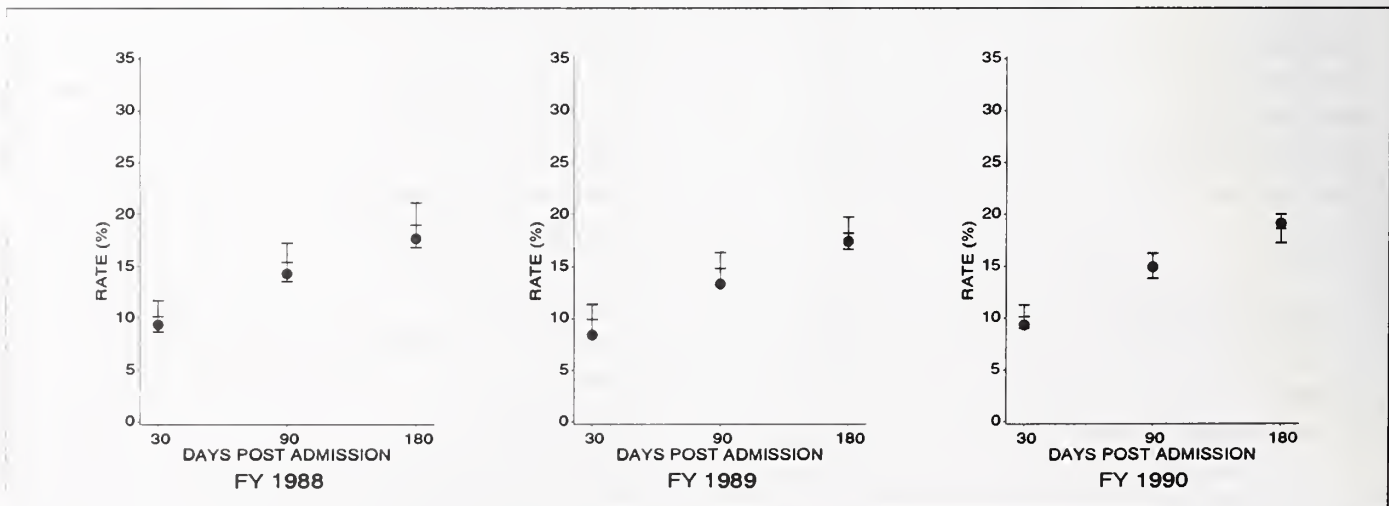
211 SOUTH 3RD STREET  
BELLEVILLE, IL 62222  
Medicare Provider Number: 140187

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3381            | 9.3                 | 10.1 | 0.6  | 14.9    | 15.0 | 0.6  | 19.1     | 18.6 | 0.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 84              | 19.0                | 25.6 | 5.6  | 27.4    | 28.6 | 5.2  | 27.4     | 31.3 | 5.4  |
| Congestive Heart Failure.....              | 177             | 11.3                | 14.7 | 3.6  | 24.9    | 23.1 | 4.3  | 29.4     | 29.3 | 3.5  |
| Pneumonia/Influenza.....                   | 169             | 17.2                | 17.3 | 3.0  | 24.9    | 23.4 | 3.7  | 29.6     | 27.5 | 4.1  |
| Chronic Obstructive Pulmonary Disease..... | 38              | 7.9                 | 10.3 | ---- | 18.4    | 17.4 | ---- | 21.1     | 22.8 | ---- |
| Transient Cerebral Ischemia.....           | 58              | 1.7                 | 1.6  | 1.7  | 1.7     | 3.5  | 3.5  | 3.4      | 5.7  | 6.2  |
| Stroke.....                                | 132             | 17.4                | 21.9 | 5.5  | 22.0    | 28.0 | 5.3  | 31.1     | 31.7 | 5.0  |
| Hip Fracture.....                          | 105             | 5.7                 | 7.1  | 3.1  | 12.4    | 12.4 | 4.0  | 15.2     | 16.2 | 4.2  |
| Sepsis.....                                | 84              | 41.7                | 29.3 | 6.3  | 51.2    | 36.8 | 7.6  | 56.0     | 41.7 | 7.3  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 1               | 100.0               | 3.8  | ---- | 100.0   | 7.0  | ---- | 100.0    | 9.9  | ---- |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 42              | 2.4                 | 3.5  | ---- | 9.5     | 7.0  | ---- | 11.9     | 10.2 | ---- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.4  | ---- | 0.0     | 2.6  | ---- | 0.0      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 68              | 7.4                 | 5.0  | 3.3  | 10.3    | 8.9  | 3.7  | 13.2     | 11.8 | 4.1  |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 7.7  | ---- | 0.0     | 13.2 | ---- | 0.0      | 17.5 | ---- |
| Prostatectomy.....                         | 67              | 0.0                 | 1.2  | 1.9  | 0.0     | 2.6  | 3.7  | 4.5      | 4.3  | 2.7  |
| Cholecystectomy.....                       | 34              | 8.8                 | 3.3  | ---- | 8.8     | 5.7  | ---- | 14.7     | 7.3  | ---- |
| Hysterectomy.....                          | 22              | 0.0                 | 1.0  | ---- | 0.0     | 2.1  | ---- | 4.5      | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST ELIZABETH HOSPITAL

Medicare Provider Number: 140187

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.5 years |
| Proportion female.....        | 59.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.3 % |
| Transferred from skilled nursing facility..... | 1.2 %  |
| Admitted for elective procedure.....           | 16.4 % |
| Admitted for emergency.....                    | 66.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.2 %  |
| Chronic cardiovascular disease..... | 47.0 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 3.6 %  |
| Chronic pulmonary disease.....      | 21.9 % |
| Cerebrovascular degeneration.....   | 4.8 %  |
| Diabetes mellitus.....              | 10.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 76.8%  |
| State .....         | 20.1%  |
| Outside State ..... | 3.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 10.6 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 408    |
| Occupancy Rate .....       | 70.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 45.5 % |
| Case Mix Index (CMI) ..... | 1.3663 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 198    |
| Percent of Physicians Board<br>Certified Specialists..... | 70.7 % |
| Medical Residents/Interns .....                           | 8      |
| Registered Nurses.....                                    | 261    |
| Licensed Practical Nurses.....                            | 26     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ELIZABETH HOSPITAL OF CHICAGO INC

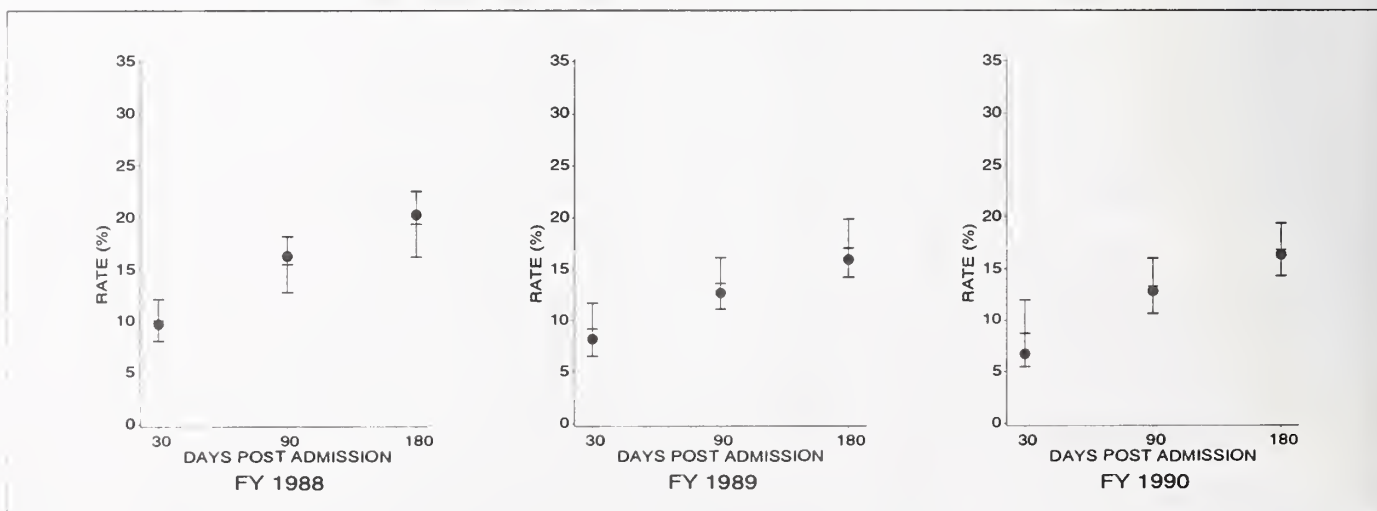
1431 N CLAREMONT AVE  
CHICAGO, IL 60622  
Medicare Provider Number: 140094

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 971             | 6.7                 | 8.7  | 1.6  | 12.8    | 13.3 | 1.3  | 16.3     | 16.8 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 18              | 50.0                | 24.1 | ---- | 61.1    | 27.1 | ---- | 61.1     | 29.7 | ---- |
| Congestive Heart Failure.....              | 82              | 7.3                 | 12.6 | 6.5  | 14.6    | 20.1 | 8.6  | 19.5     | 25.9 | 9.9  |
| Pneumonia/Influenza.....                   | 30              | 30.0                | 18.1 | ---- | 40.0    | 25.0 | ---- | 40.0     | 29.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 21              | 9.5                 | 11.2 | ---- | 23.8    | 19.3 | ---- | 28.6     | 25.0 | ---- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.8  | ---- | 0.0     | 4.1  | ---- | 6.3      | 6.8  | ---- |
| Stroke.....                                | 29              | 3.4                 | 21.3 | ---- | 13.8    | 26.9 | ---- | 20.7     | 30.1 | ---- |
| Hip Fracture.....                          | 12              | 8.3                 | 5.8  | ---- | 8.3     | 10.3 | ---- | 8.3      | 13.3 | ---- |
| Sepsis.....                                | 14              | 21.4                | 27.9 | ---- | 35.7    | 33.1 | ---- | 35.7     | 37.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 6.4  | ---- | 0.0     | 10.2 | ---- | 0.0      | 13.2 | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 3.5  | ---- | 0.0     | 6.0  | ---- | 0.0      | 8.3  | ---- |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 2.1  | ---- | 0.0     | 4.3  | ---- | 0.0      | 6.1  | ---- |
| Open Reduction of Hip Fracture.....        | 10              | 10.0                | 5.1  | ---- | 10.0    | 9.2  | ---- | 10.0     | 11.9 | ---- |
| Prostatectomy.....                         | 26              | 0.0                 | 1.3  | ---- | 0.0     | 3.2  | ---- | 3.8      | 5.4  | ---- |
| Cholecystectomy.....                       | 13              | 7.7                 | 3.5  | ---- | 7.7     | 6.6  | ---- | 7.7      | 8.9  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 1.5  | ---- | 0.0     | 3.4  | ---- | 25.0     | 5.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST ELIZABETH HOSPITAL OF CHICAGO INC

Medicare Provider Number: 140094

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 70.0 years  
Proportion female..... 51.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.1 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 7.7 %  
Admitted for emergency..... 58.4 %

### COMORBIDITIES:

Cancer..... 5.0 %  
Chronic cardiovascular disease..... 39.0 %  
Chronic liver disease..... 2.7 %  
Chronic renal disease..... 4.3 %  
Chronic pulmonary disease..... 20.2 %  
Cerebrovascular degeneration..... 6.6 %  
Diabetes mellitus..... 13.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.0%  
State ..... 1.2%  
Outside State ..... 2.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 247  
Occupancy Rate ..... 72.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 30.9 %  
Case Mix Index (CMI) ..... 1.1774

### STAFFING:

Total Number of Physicians..... 94  
Percent of Physicians Board  
Certified Specialists..... 48.9 %  
Medical Residents/Interns ..... 17  
Registered Nurses..... 209  
Licensed Practical Nurses ..... 36

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ELIZABETH MEDICAL CENTER

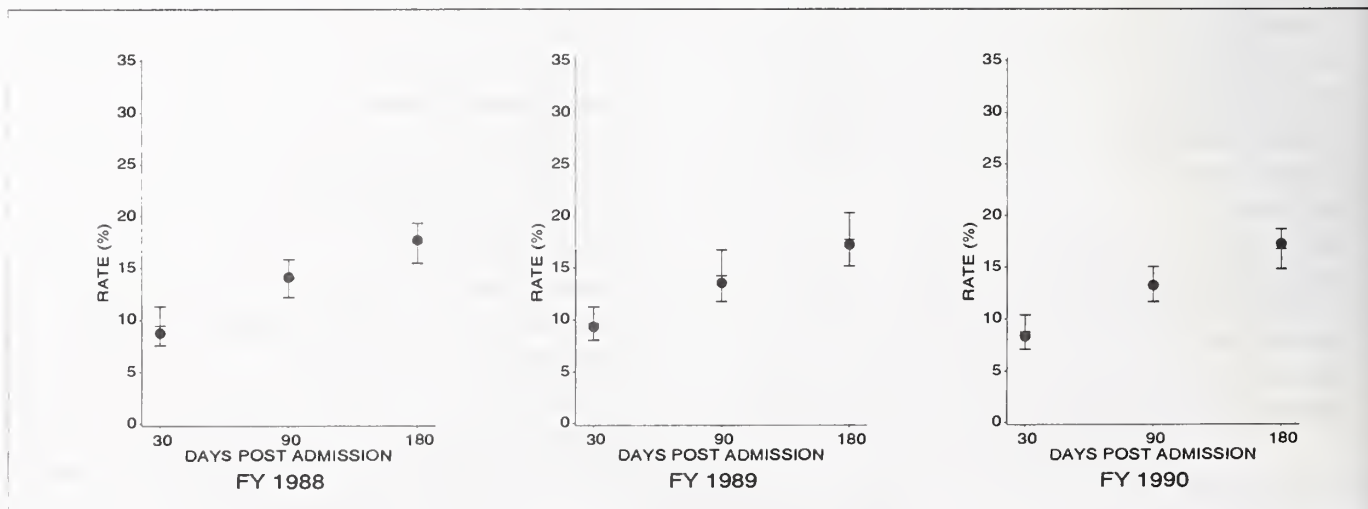
2100 MADISON AVENUE  
GRANITE CITY, IL 62040  
Medicare Provider Number: 140125

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1625            | 8.3                 | 8.7  | 0.8   | 13.2    | 13.3 | 0.8   | 17.2     | 16.7 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 41              | 51.2                | 28.4 | ----- | 61.0    | 31.3 | ----- | 63.4     | 34.3 | ----- |
| Congestive Heart Failure.....              | 109             | 18.3                | 16.2 | 5.5   | 29.4    | 25.4 | 6.6   | 41.3     | 31.7 | 9.3   |
| Pneumonia/Influenza.....                   | 65              | 3.1                 | 15.9 | 6.4   | 9.2     | 21.7 | 6.9   | 10.8     | 25.5 | 7.5   |
| Chronic Obstructive Pulmonary Disease..... | 32              | 6.3                 | 6.4  | ----- | 12.5    | 11.6 | ----- | 21.9     | 15.8 | ----- |
| Transient Cerebral Ischemia.....           | 35              | 0.0                 | 2.1  | ----- | 2.9     | 4.5  | ----- | 8.6      | 7.1  | ----- |
| Stroke.....                                | 55              | 25.5                | 22.7 | 8.5   | 38.2    | 28.3 | 8.6   | 45.5     | 31.7 | 9.7   |
| Hip Fracture.....                          | 37              | 18.9                | 8.1  | ----- | 21.6    | 14.5 | ----- | 24.3     | 18.6 | ----- |
| Sepsis.....                                | 15              | 20.0                | 22.2 | ----- | 33.3    | 28.7 | ----- | 40.0     | 32.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 5.4  | ----- | 0.0     | 9.1  | ----- | 0.0      | 11.6 | ----- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.9  | ----- | 0.0     | 3.9  | ----- | 0.0      | 6.5  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 12.5                | 5.3  | ----- | 12.5    | 9.7  | ----- | 12.5     | 12.6 | ----- |
| Open Reduction of Hip Fracture.....        | 12              | 33.3                | 7.0  | ----- | 41.7    | 13.4 | ----- | 50.0     | 17.8 | ----- |
| Prostatectomy.....                         | 37              | 0.0                 | 0.9  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.5  | ----- |
| Cholecystectomy.....                       | 34              | 2.9                 | 1.9  | ----- | 5.9     | 3.6  | ----- | 5.9      | 5.0  | ----- |
| Hysterectomy.....                          | 17              | 5.9                 | 1.0  | ----- | 5.9     | 2.1  | ----- | 5.9      | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST ELIZABETH MEDICAL CENTER

Medicare Provider Number: 140125

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.3 years

Proportion female..... 59.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.3 %

Transferred from skilled nursing facility..... 2.0 %

Admitted for elective procedure..... 7.2 %

Admitted for emergency..... 65.7 %

### COMORBIDITIES:

Cancer..... 6.5 %

Chronic cardiovascular disease..... 46.5 %

Chronic liver disease..... 1.1 %

Chronic renal disease..... 4.5 %

Chronic pulmonary disease..... 19.4 %

Cerebrovascular degeneration..... 4.3 %

Diabetes mellitus..... 10.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 89.8%

State..... 7.8%

Outside State..... 2.4%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.8 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 333

Occupancy Rate..... 61.0 %

Ownership/Control..... Church

Medicare Discharges..... 39.4 %

Case Mix Index (CMI)..... 1.1757

### STAFFING:

Total Number of Physicians..... 91

Percent of Physicians Board  
Certified Specialists..... 59.3 %

Medical Residents/Interns..... 0

Registered Nurses..... 257

Licensed Practical Nurses..... 41

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... No

Comprehensive Geriatric..... No

Hospice Care..... Yes

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes

Rehabilitation..... No

Psychiatric..... Yes

Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST FRANCIS HOSPITAL

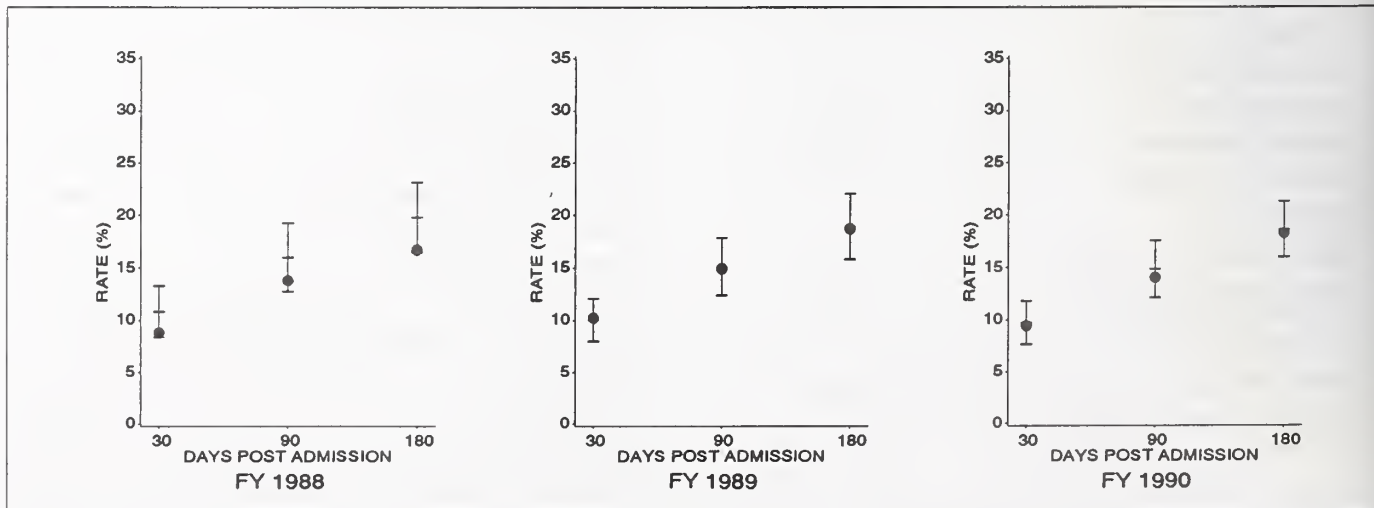
1215 EAST UNION AVENUE  
LITCHFIELD, IL 62056  
Medicare Provider Number: 140199

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 951             | 9.4                 | 9.7  | 1.0   | 14.0    | 14.8 | 1.4   | 18.2     | 18.6 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 30              | 16.7                | 31.3 | ----- | 23.3    | 34.3 | ----- | 30.0     | 37.3 | ----- |
| Congestive Heart Failure.....              | 59              | 13.6                | 14.2 | 4.9   | 18.6    | 22.7 | 8.4   | 25.4     | 29.3 | 8.4   |
| Pneumonia/Influenza.....                   | 37              | 10.8                | 16.1 | ----- | 13.5    | 22.2 | ----- | 16.2     | 26.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 23              | 0.0                 | 7.0  | ----- | 0.0     | 12.7 | ----- | 13.0     | 17.2 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 2.5  | ----- | 0.0     | 5.6  | ----- | 5.6      | 9.1  | ----- |
| Stroke.....                                | 44              | 29.5                | 20.3 | ----- | 36.4    | 25.8 | ----- | 40.9     | 29.3 | ----- |
| Hip Fracture.....                          | 22              | 18.2                | 10.4 | ----- | 18.2    | 17.5 | ----- | 22.7     | 21.9 | ----- |
| Sepsis.....                                | 7               | 0.0                 | 20.3 | ----- | 14.3    | 28.3 | ----- | 14.3     | 32.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 10              | 10.0                | 8.6  | ----- | 10.0    | 15.0 | ----- | 20.0     | 19.3 | ----- |
| Open Reduction of Hip Fracture.....        | 12              | 16.7                | 9.3  | ----- | 16.7    | 16.2 | ----- | 16.7     | 20.9 | ----- |
| Prostatectomy.....                         | 17              | 0.0                 | 1.0  | ----- | 11.8    | 2.2  | ----- | 11.8     | 3.7  | ----- |
| Cholecystectomy.....                       | 14              | 0.0                 | 1.8  | ----- | 0.0     | 3.3  | ----- | 0.0      | 4.3  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 0.9  | ----- | 12.5    | 2.1  | ----- | 12.5     | 3.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST FRANCIS HOSPITAL

Medicare Provider Number: 140199

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.9 years  
Proportion female..... 60.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.2 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 4.1 %  
Admitted for emergency..... 58.1 %

### COMORBIDITIES:

Cancer..... 8.8 %  
Chronic cardiovascular disease..... 41.9 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 10.3 %  
Cerebrovascular degeneration..... 8.1 %  
Diabetes mellitus..... 11.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 47.4%  
State ..... 51.2%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 138  
Occupancy Rate ..... 42.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 52.7 %  
Case Mix Index (CMI) ..... 1.0320

### STAFFING:

Total Number of Physicians..... 17  
Percent of Physicians Board  
Certified Specialists ..... 64.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 52  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST FRANCIS HOSPITAL & HEALTH CENTER

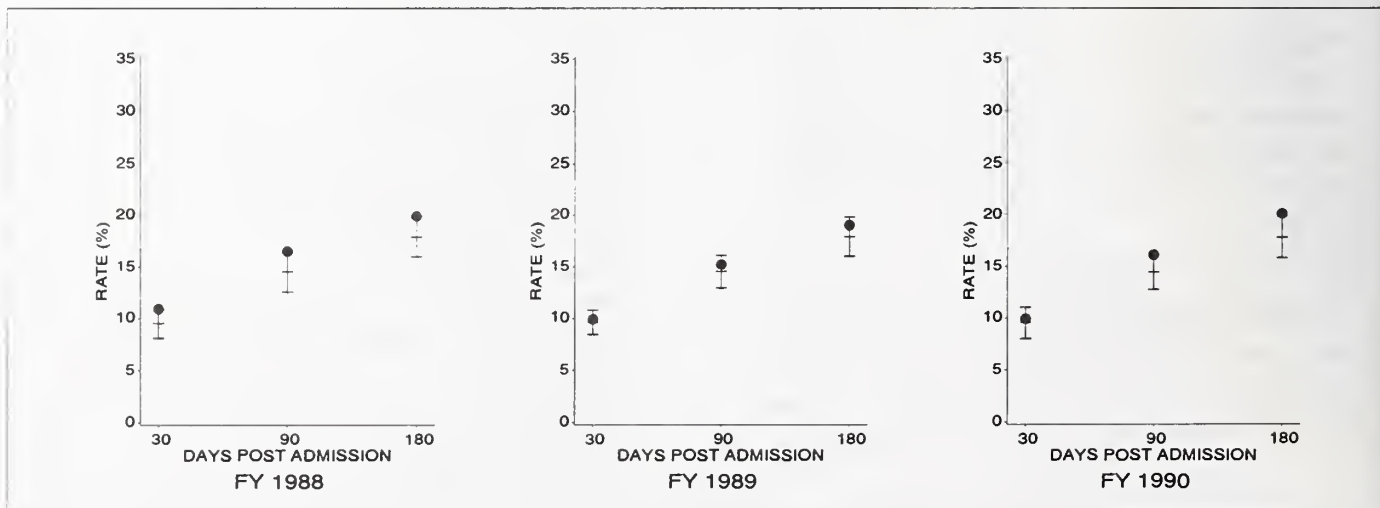
12935 S GREGORY  
BLUE ISLAND, IL 60406  
Medicare Provider Number: 140118

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2799               | 9.9                 | 9.5  | 0.8  | 16.1    | 14.4 | 0.9  | 20.1     | 17.8 | 1.0  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 83                 | 22.9                | 25.8 | 5.0  | 27.7    | 28.7 | 5.4  | 32.5     | 31.2 | 5.5  |
| Congestive Heart Failure.....              | 211                | 13.7                | 13.3 | 2.4  | 22.7    | 20.8 | 3.6  | 28.4     | 26.5 | 3.4  |
| Pneumonia/Influenza.....                   | 122                | 19.7                | 16.7 | 7.3  | 27.9    | 22.4 | 8.2  | 29.5     | 26.3 | 8.6  |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 10.0                | 8.1  | ---- | 10.0    | 13.5 | ---- | 10.0     | 17.6 | ---- |
| Transient Cerebral Ischemia.....           | 71                 | 4.2                 | 2.0  | 2.5  | 4.2     | 4.4  | 3.0  | 5.6      | 7.1  | 4.4  |
| Stroke.....                                | 128                | 18.0                | 18.9 | 3.7  | 27.3    | 24.8 | 4.9  | 35.2     | 28.5 | 5.6  |
| Hip Fracture.....                          | 39                 | 5.1                 | 6.0  | ---- | 7.7     | 10.6 | ---- | 15.4     | 13.8 | ---- |
| Sepsis.....                                | 48                 | 27.1                | 24.9 | ---- | 31.3    | 33.5 | ---- | 35.4     | 38.3 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 89                 | 3.4                 | 2.9  | 2.1  | 4.5     | 3.9  | 2.5  | 7.9      | 4.8  | 3.4  |
| Coronary Artery Bypass Graft.....          | 105                | 2.9                 | 5.5  | 2.9  | 3.8     | 7.7  | 3.5  | 5.7      | 8.6  | 3.3  |
| Initial Pacemaker Insertion.....           | 20                 | 10.0                | 3.8  | ---- | 10.0    | 6.8  | ---- | 10.0     | 9.3  | ---- |
| Carotid Endarterectomy.....                | 22                 | 0.0                 | 1.4  | ---- | 4.5     | 2.5  | ---- | 4.5      | 3.6  | ---- |
| Hip Replacement/Reconstruction.....        | 34                 | 5.9                 | 2.9  | ---- | 8.8     | 5.5  | ---- | 11.8     | 7.5  | ---- |
| Open Reduction of Hip Fracture.....        | 14                 | 0.0                 | 5.8  | ---- | 7.1     | 10.9 | ---- | 21.4     | 14.5 | ---- |
| Prostatectomy.....                         | 120                | 3.3                 | 1.1  | 1.6  | 6.7     | 2.6  | 2.7  | 8.3      | 4.5  | 3.0  |
| Cholecystectomy.....                       | 34                 | 2.9                 | 2.7  | ---- | 5.9     | 5.7  | ---- | 5.9      | 8.3  | ---- |
| Hysterectomy.....                          | 17                 | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST FRANCIS HOSPITAL & HEALTH CENTER

Medicare Provider Number: 140118

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 54.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 38.6 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 14.7 % |
| Admitted for emergency.....                    | 58.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.5 %  |
| Chronic cardiovascular disease..... | 39.7 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 3.9 %  |
| Chronic pulmonary disease.....      | 9.9 %  |
| Cerebrovascular degeneration.....   | 2.4 %  |
| Diabetes mellitus.....              | 8.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.4%  |
| State .....         | 3.6%   |
| Outside State ..... | 3.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 294    |
| Occupancy Rate .....       | 73.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 38.0 % |
| Case Mix Index (CMI) ..... | 1.4700 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 157    |
| Percent of Physicians Board<br>Certified Specialists ..... | 92.4 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 318    |
| Licensed Practical Nurses .....                            | 12     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | No  |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | Yes |
| Other Intensive Care .....           | No  |
| Trauma Center .....                  | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST FRANCIS HOSPITAL OF EVANSTON

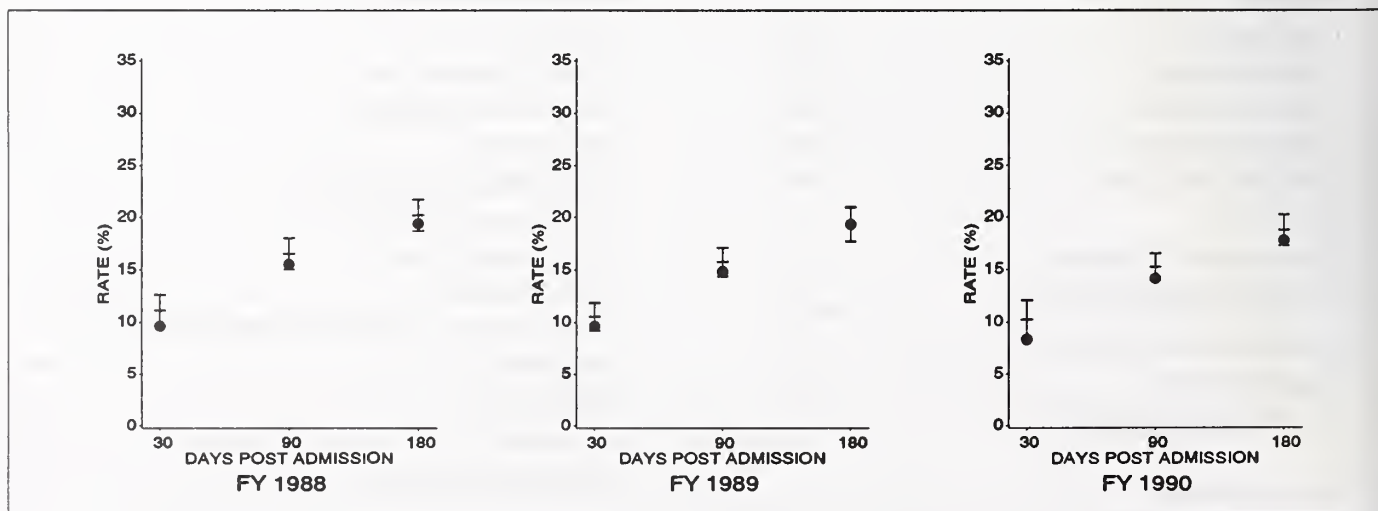
355 RIDGE AVE  
EVANSTON, IL 60202  
Medicare Provider Number: 140080

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3960            | 8.3                 | 10.2 | 0.9  | 14.1    | 15.2 | 0.6  | 17.7     | 18.7 | 0.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 147             | 27.9                | 28.8 | 4.0  | 34.0    | 30.8 | 5.0  | 37.4     | 33.9 | 5.1  |
| Congestive Heart Failure.....              | 189             | 12.2                | 15.3 | 3.8  | 18.5    | 23.9 | 4.3  | 25.4     | 30.4 | 5.3  |
| Pneumonia/Influenza.....                   | 162             | 13.0                | 18.4 | 4.0  | 20.4    | 25.0 | 3.9  | 24.1     | 29.5 | 4.2  |
| Chronic Obstructive Pulmonary Disease..... | 22              | 22.7                | 10.7 | ---- | 22.7    | 17.2 | ---- | 22.7     | 22.0 | ---- |
| Transient Cerebral Ischemia.....           | 40              | 0.0                 | 1.8  | ---- | 0.0     | 4.2  | ---- | 2.5      | 6.9  | ---- |
| Stroke.....                                | 112             | 20.5                | 24.8 | 7.5  | 25.9    | 31.8 | 8.9  | 28.6     | 35.8 | 9.7  |
| Hip Fracture.....                          | 95              | 8.4                 | 7.3  | 3.9  | 13.7    | 12.8 | 4.2  | 20.0     | 16.1 | 5.0  |
| Sepsis.....                                | 89              | 31.5                | 30.5 | 8.3  | 47.2    | 41.7 | 7.4  | 52.8     | 47.6 | 7.1  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 200             | 2.5                 | 2.2  | 1.1  | 4.0     | 3.0  | 1.8  | 4.5      | 3.9  | 1.7  |
| Coronary Artery Bypass Graft.....          | 246             | 8.1                 | 5.0  | 2.1  | 12.2    | 7.4  | 2.9  | 13.8     | 8.4  | 3.1  |
| Initial Pacemaker Insertion.....           | 39              | 0.0                 | 3.0  | ---- | 2.8     | 8.0  | ---- | 5.1      | 8.8  | ---- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.5  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.1  | ---- |
| Hip Replacement/Reconstruction.....        | 62              | 3.2                 | 4.0  | 2.8  | 8.1     | 8.9  | 3.4  | 9.7      | 8.9  | 3.8  |
| Open Reduction of Hip Fracture.....        | 51              | 9.8                 | 6.2  | 5.8  | 13.7    | 11.5 | 5.6  | 17.6     | 15.1 | 5.8  |
| Prostatectomy.....                         | 90              | 2.2                 | 1.2  | 1.4  | 3.3     | 2.8  | 1.8  | 4.4      | 4.7  | 2.2  |
| Cholecystectomy.....                       | 40              | 2.5                 | 3.9  | ---- | 5.0     | 8.4  | ---- | 5.0      | 8.1  | ---- |
| Hysterectomy.....                          | 13              | 0.0                 | 1.3  | ---- | 0.0     | 3.0  | ---- | 0.0      | 5.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST FRANCIS HOSPITAL OF EVANSTON

Medicare Provider Number: 140080

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.8 years |
| Proportion female.....        | 54.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.4 % |
| Transferred from skilled nursing facility..... | 6.6 %  |
| Admitted for elective procedure.....           | 30.3 % |
| Admitted for emergency.....                    | 52.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.4 %  |
| Chronic cardiovascular disease..... | 43.7 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.7 %  |
| Chronic pulmonary disease.....      | 16.0 % |
| Cerebrovascular degeneration.....   | 3.7 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.0%  |
| State .....         | 4.4%   |
| Outside State ..... | 2.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 10.5 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 436    |
| Occupancy Rate .....       | 72.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 44.6 % |
| Case Mix Index (CMI) ..... | 1.7005 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 318    |
| Percent of Physicians Board<br>Certified Specialists ..... | 73.3 % |
| Medical Residents/Interns .....                            | 87     |
| Registered Nurses.....                                     | 397    |
| Licensed Practical Nurses .....                            | 18     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST FRANCIS MEDICAL CENTER

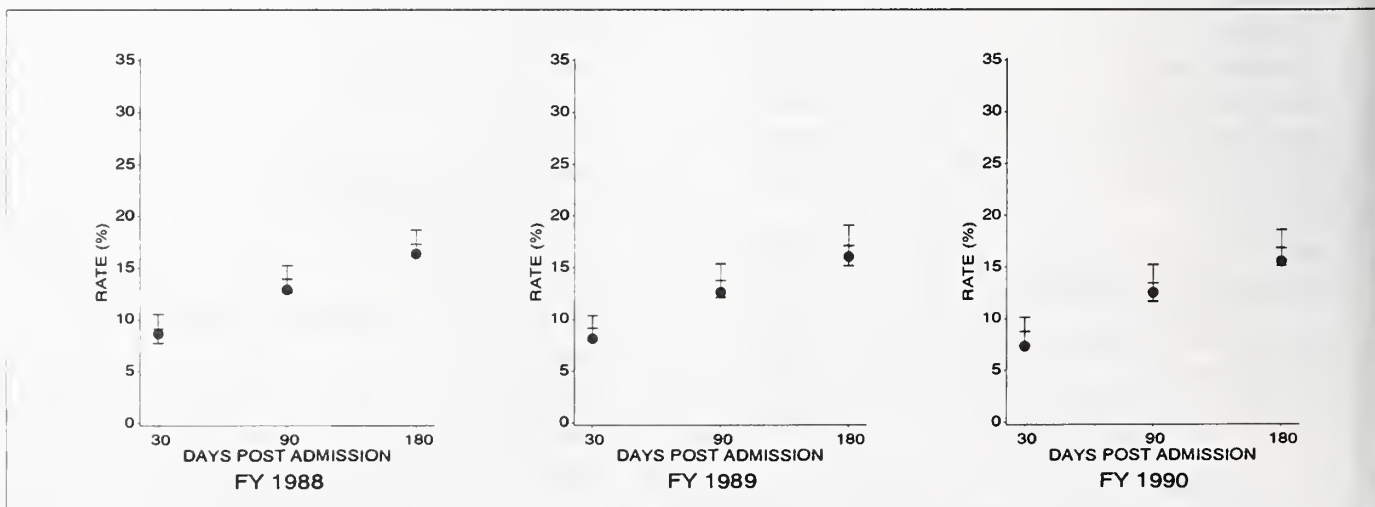
530 N E GLEN OAK  
PEORIA, IL 61637  
Medicare Provider Number: 140067

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3470               | 7.3                 | 8.7  | 0.7   | 12.5    | 13.4 | 0.9   | 15.5     | 16.8 | 0.9   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 110                | 17.3                | 28.2 | 5.2   | 23.6    | 31.2 | 5.1   | 24.5     | 33.9 | 5.2   |
| Congestive Heart Failure.....              | 134                | 10.4                | 14.1 | 5.6   | 19.4    | 22.6 | 6.4   | 26.9     | 28.8 | 6.8   |
| Pneumonia/Influenza.....                   | 85                 | 10.6                | 14.8 | 5.7   | 18.8    | 20.1 | 5.3   | 23.5     | 23.8 | 4.7   |
| Chronic Obstructive Pulmonary Disease..... | 36                 | 11.1                | 6.0  | ----- | 22.2    | 10.6 | ----- | 22.2     | 14.4 | ----- |
| Transient Cerebral Ischemia.....           | 41                 | 0.0                 | 2.0  | ----- | 2.4     | 4.5  | ----- | 4.9      | 6.9  | ----- |
| Stroke.....                                | 109                | 19.3                | 21.8 | 4.2   | 22.9    | 28.2 | 5.1   | 24.8     | 31.9 | 5.9   |
| Hip Fracture.....                          | 65                 | 9.2                 | 8.1  | 4.1   | 13.8    | 13.9 | 4.4   | 18.5     | 17.7 | 4.8   |
| Sepsis.....                                | 27                 | 14.8                | 22.6 | ----- | 25.9    | 32.0 | ----- | 29.6     | 37.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 103                | 3.9                 | 3.7  | 1.9   | 3.9     | 4.4  | 2.1   | 3.9      | 5.2  | 2.5   |
| Coronary Artery Bypass Graft.....          | 134                | 4.5                 | 7.1  | 2.8   | 10.4    | 10.0 | 3.1   | 11.2     | 11.2 | 2.8   |
| Initial Pacemaker Insertion.....           | 25                 | 0.0                 | 2.7  | ----- | 0.0     | 5.3  | ----- | 0.0      | 7.6  | ----- |
| Carotid Endarterectomy.....                | 15                 | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.9  | ----- |
| Hip Replacement/Reconstruction.....        | 45                 | 0.0                 | 1.9  | ----- | 2.2     | 3.5  | ----- | 4.4      | 4.6  | ----- |
| Open Reduction of Hip Fracture.....        | 30                 | 3.3                 | 6.5  | ----- | 6.7     | 11.9 | ----- | 13.3     | 15.8 | ----- |
| Prostatectomy.....                         | 58                 | 0.0                 | 1.0  | 1.6   | 0.0     | 2.4  | 2.8   | 1.7      | 4.0  | 3.2   |
| Cholecystectomy.....                       | 53                 | 3.8                 | 3.4  | 2.6   | 7.5     | 5.6  | 3.5   | 9.4      | 7.0  | 4.3   |
| Hysterectomy.....                          | 32                 | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 3.1      | 3.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST FRANCIS MEDICAL CENTER

Medicare Provider Number: 140067

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.7 years  
Proportion female..... 52.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 52.0 %  
Transferred from skilled nursing facility..... 1.8 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 40.1 %

### COMORBIDITIES:

Cancer..... 7.6 %  
Chronic cardiovascular disease..... 34.8 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 8.4 %  
Chronic pulmonary disease..... 10.8 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 44.8%  
State ..... 53.5%  
Outside State ..... 1.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 10.9 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 582  
Occupancy Rate ..... 75.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 28.7 %  
Case Mix Index (CMI) ..... 1.6324

### STAFFING:

Total Number of Physicians..... 245  
Percent of Physicians Board  
Certified Specialists ..... 75.1 %  
Medical Residents/Interns ..... 88  
Registered Nurses..... 937  
Licensed Practical Nurses ..... 121

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JAMES HOSPITAL

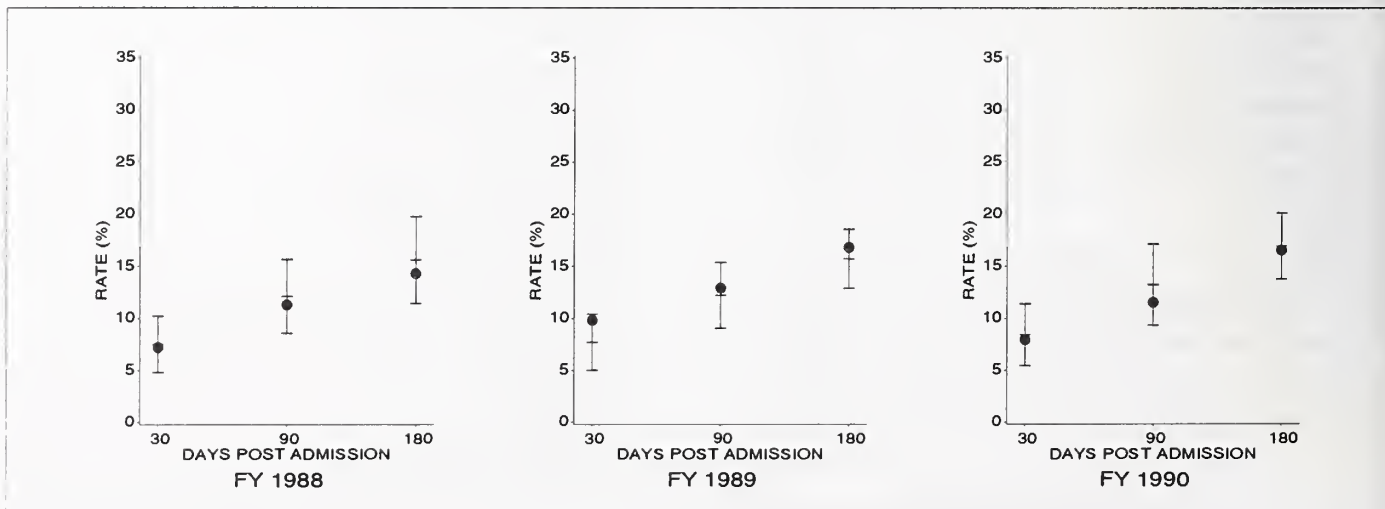
610 E WATER ST  
PONTIAC, IL 61764  
Medicare Provider Number: 140161

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 738             | 7.9                 | 8.4  | 1.5   | 11.5    | 13.2 | 2.0   | 16.5     | 16.9 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 11              | 27.3                | 17.0 | ----- | 27.3    | 20.8 | ----- | 27.3     | 23.6 | ----- |
| Congestive Heart Failure.....              | 34              | 8.8                 | 13.9 | ----- | 17.6    | 22.0 | ----- | 17.6     | 28.3 | ----- |
| Pneumonia/Influenza.....                   | 56              | 16.1                | 15.1 | 5.5   | 19.6    | 20.8 | 6.2   | 26.8     | 24.4 | 6.5   |
| Chronic Obstructive Pulmonary Disease..... | 19              | 0.0                 | 6.1  | ----- | 0.0     | 10.7 | ----- | 10.5     | 14.3 | ----- |
| Transient Cerebral Ischemia.....           | 15              | 0.0                 | 1.3  | ----- | 6.7     | 3.2  | ----- | 20.0     | 5.4  | ----- |
| Stroke.....                                | 26              | 19.2                | 17.7 | ----- | 23.1    | 24.6 | ----- | 26.9     | 28.7 | ----- |
| Hip Fracture.....                          | 24              | 8.3                 | 6.2  | ----- | 16.7    | 11.1 | ----- | 25.0     | 14.6 | ----- |
| Sepsis.....                                | 5               | 20.0                | 17.7 | ----- | 20.0    | 25.1 | ----- | 40.0     | 29.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 5.8  | ----- | 0.0     | 10.8 | ----- | 33.3     | 14.8 | ----- |
| Carotid Endarterectomy.....                | 3               | 33.3                | 2.3  | ----- | 33.3    | 4.4  | ----- | 33.3     | 6.2  | ----- |
| Hip Replacement/Reconstruction.....        | 11              | 9.1                 | 5.5  | ----- | 9.1     | 10.4 | ----- | 27.3     | 13.8 | ----- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 4.9  | ----- | 16.7    | 9.0  | ----- | 16.7     | 11.9 | ----- |
| Prostatectomy.....                         | 15              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 7               | 0.0                 | 0.7  | ----- | 0.0     | 1.3  | ----- | 14.3     | 1.7  | ----- |
| Hysterectomy.....                          | 10              | 0.0                 | 1.3  | ----- | 0.0     | 2.8  | ----- | 10.0     | 4.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





**ST JAMES HOSPITAL**  
Medicare Provider Number: 140161

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 76.9 years  
Proportion female..... 60.7 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 43.9 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 12.9 %  
Admitted for emergency..... 13.1 %

**COMORBIDITIES:**

Cancer..... 6.6 %  
Chronic cardiovascular disease..... 32.8 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 11.5 %  
Cerebrovascular degeneration..... 6.1 %  
Diabetes mellitus..... 9.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 86.4%  
State..... 12.7%  
Outside State..... 0.9%  
Total..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 5.4 Days  
State..... 8.4 Days  
National..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds..... 93  
Occupancy Rate..... 51.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 40.4 %  
Case Mix Index (CMI)..... 1.1417

**STAFFING:**

Total Number of Physicians..... 27  
Percent of Physicians Board  
Certified Specialists..... 48.1 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 61  
Licensed Practical Nurses..... 14

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JAMES HOSPITAL MEDICAL CENTER

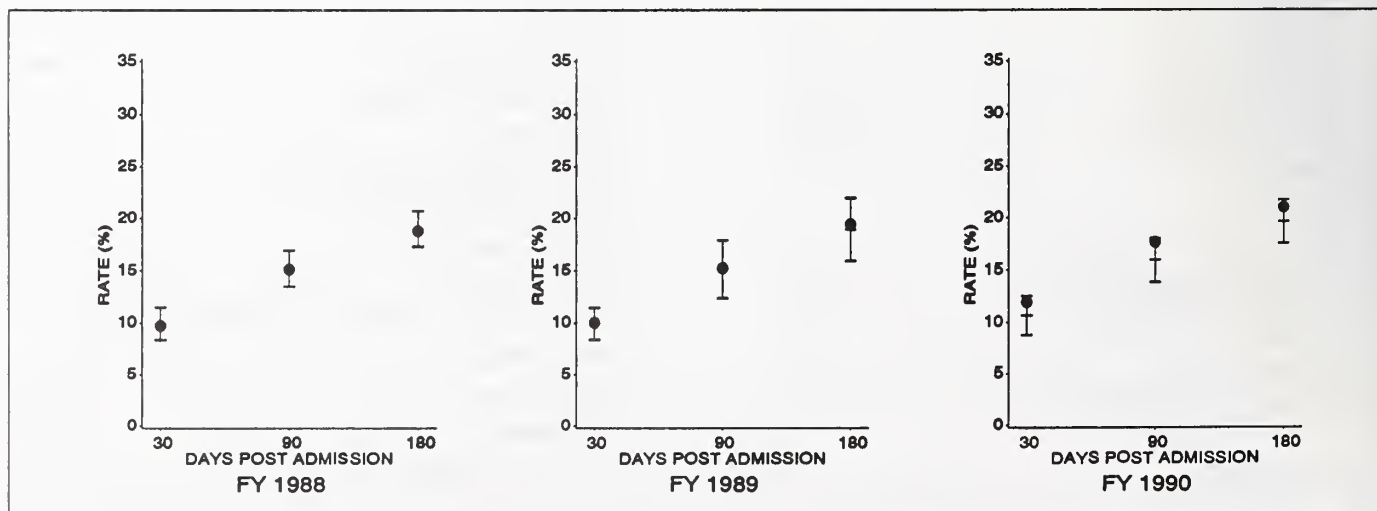
1423 CHICAGO ROAD  
CHICAGO HEIGHTS, IL 60411  
Medicare Provider Number: 140079

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2300               | 11.9                | 10.6 | 0.9  | 17.6    | 15.9 | 1.0  | 21.0     | 19.6 | 1.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 67                 | 26.9                | 27.0 | 5.6  | 28.4    | 29.9 | 5.9  | 28.4     | 32.6 | 6.3  |
| Congestive Heart Failure.....              | 171                | 14.6                | 14.7 | 4.5  | 25.1    | 23.2 | 3.7  | 30.4     | 29.4 | 4.1  |
| Pneumonia/Influenza.....                   | 159                | 25.2                | 19.9 | 4.1  | 34.6    | 26.9 | 5.2  | 41.5     | 31.1 | 6.1  |
| Chronic Obstructive Pulmonary Disease..... | 36                 | 13.9                | 9.5  | ---- | 19.4    | 16.0 | ---- | 22.2     | 21.0 | ---- |
| Transient Cerebral Ischemia.....           | 54                 | 1.9                 | 1.5  | ---- | 1.9     | 3.2  | ---- | 1.9      | 5.3  | ---- |
| Stroke.....                                | 87                 | 13.8                | 19.0 | 7.8  | 21.8    | 25.5 | 7.4  | 28.7     | 29.1 | 6.6  |
| Hip Fracture.....                          | 43                 | 9.3                 | 6.7  | ---- | 16.3    | 11.5 | ---- | 23.3     | 15.0 | ---- |
| Sepsis.....                                | 60                 | 30.0                | 23.4 | 7.4  | 38.3    | 31.4 | 7.6  | 48.3     | 36.1 | 9.4  |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 11                 | 9.1                 | 2.4  | ---- | 9.1     | 4.9  | ---- | 9.1      | 7.3  | ---- |
| Carotid Endarterectomy.....                | 14                 | 7.1                 | 2.0  | ---- | 7.1     | 3.6  | ---- | 7.1      | 5.2  | ---- |
| Hip Replacement/Reconstruction.....        | 27                 | 0.0                 | 3.2  | ---- | 0.0     | 6.1  | ---- | 0.0      | 8.6  | ---- |
| Open Reduction of Hip Fracture.....        | 27                 | 11.1                | 5.6  | ---- | 18.5    | 9.8  | ---- | 25.9     | 12.8 | ---- |
| Prostatectomy.....                         | 56                 | 0.0                 | 0.9  | 1.4  | 0.0     | 2.0  | 2.4  | 1.8      | 3.5  | 2.9  |
| Cholecystectomy.....                       | 18                 | 5.6                 | 3.9  | ---- | 11.1    | 8.0  | ---- | 11.1     | 11.0 | ---- |
| Hysterectomy.....                          | 16                 | 0.0                 | 0.7  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JAMES HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140079

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.4 years |
| Proportion female.....        | 56.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 30.3 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 8.7 %  |
| Admitted for emergency.....                    | 82.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.8 %  |
| Chronic cardiovascular disease..... | 43.7 % |
| Chronic liver disease.....          | 1.3 %  |
| Chronic renal disease.....          | 4.3 %  |
| Chronic pulmonary disease.....      | 15.9 % |
| Cerebrovascular degeneration.....   | 3.8 %  |
| Diabetes mellitus.....              | 9.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 86.2%  |
| State.....         | 10.6%  |
| Outside State..... | 3.2%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 8.6 Days |
| State.....    | 8.4 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |        |
|---------------------------|--------|
| Total Beds.....           | 340    |
| Occupancy Rate.....       | 55.0 % |
| Ownership/Control.....    | Church |
| Medicare Discharges.....  | 34.0 % |
| Case Mix Index (CMI)..... | 1.2271 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 163    |
| Percent of Physicians Board<br>Certified Specialists..... | 66.9 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 257    |
| Licensed Practical Nurses.....                            | 21     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | Yes |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |    |
|--------------------------|----|
| Alcohol/Drug.....        | No |
| Rehabilitation.....      | No |
| Psychiatric.....         | No |
| Medicare Swing Beds..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

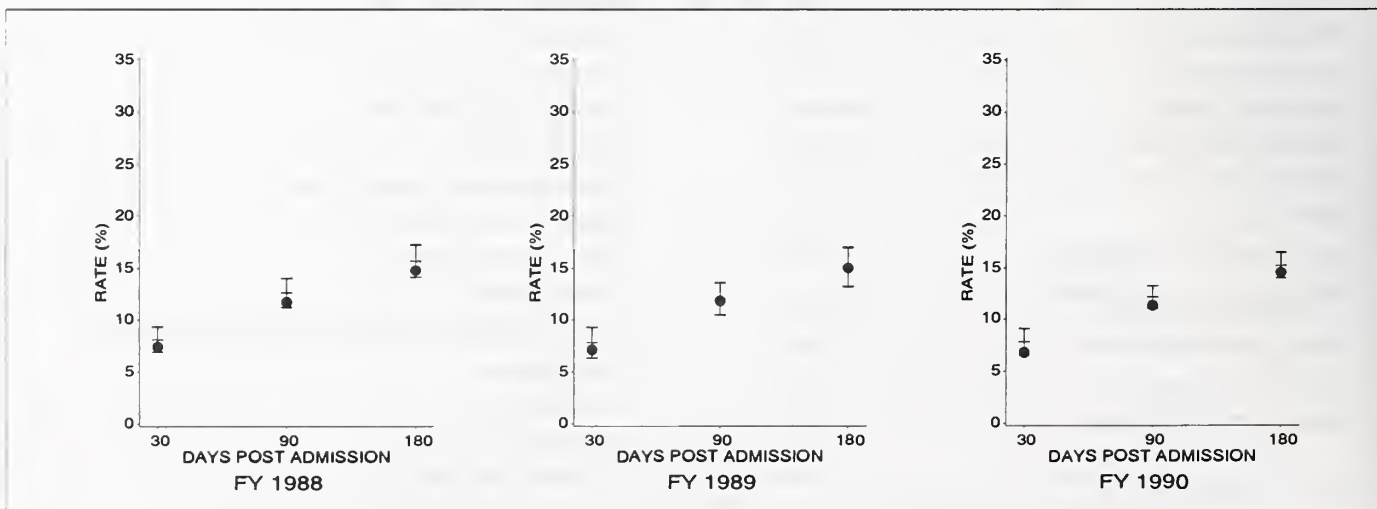
**ST JOHNS HOSPITAL**  
800 E CARPENTER ST  
SPRINGFIELD, IL 62702  
Medicare Provider Number: 140053

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 5187               | 6.8                 | 7.8  | 0.6   | 11.3    | 12.1 | 0.6   | 14.5     | 15.2 | 0.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 160                | 18.8                | 21.6 | 5.2   | 23.1    | 24.8 | 5.2   | 25.6     | 27.6 | 5.7   |
| Congestive Heart Failure.....              | 229                | 11.8                | 14.1 | 2.5   | 21.4    | 22.1 | 2.8   | 27.5     | 28.1 | 3.1   |
| Pneumonia/Influenza.....                   | 114                | 13.2                | 14.9 | 3.8   | 20.2    | 20.8 | 4.0   | 26.3     | 24.8 | 4.3   |
| Chronic Obstructive Pulmonary Disease..... | 64                 | 4.7                 | 8.1  | 5.5   | 17.2    | 14.0 | 6.0   | 23.4     | 18.5 | 7.5   |
| Transient Cerebral Ischemia.....           | 63                 | 1.6                 | 2.0  | 2.0   | 4.8     | 4.5  | 2.7   | 6.3      | 7.2  | 3.4   |
| Stroke.....                                | 185                | 16.8                | 22.5 | 5.5   | 27.6    | 29.3 | 4.2   | 33.0     | 33.3 | 3.9   |
| Hip Fracture.....                          | 103                | 3.9                 | 6.1  | 2.9   | 9.7     | 10.8 | 3.1   | 12.6     | 14.2 | 3.9   |
| Sepsis.....                                | 51                 | 23.5                | 23.1 | 6.5   | 33.3    | 31.1 | 7.0   | 33.3     | 35.8 | 7.3   |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 113                | 5.3                 | 2.3  | 2.0   | 5.3     | 3.1  | 2.4   | 7.1      | 3.8  | 2.6   |
| Coronary Artery Bypass Graft.....          | 238                | 3.4                 | 5.4  | 2.9   | 5.9     | 7.5  | 3.0   | 7.1      | 8.5  | 2.9   |
| Initial Pacemaker Insertion.....           | 67                 | 3.0                 | 3.1  | 2.2   | 4.5     | 5.9  | 3.3   | 4.5      | 8.5  | 5.0   |
| Carotid Endarterectomy.....                | 40                 | 2.5                 | 2.1  | ----- | 7.5     | 4.1  | ----- | 10.0     | 6.0  | ----- |
| Hip Replacement/Reconstruction.....        | 101                | 1.0                 | 2.5  | 3.0   | 2.0     | 4.5  | 4.2   | 5.0      | 6.1  | 4.3   |
| Open Reduction of Hip Fracture.....        | 33                 | 6.1                 | 5.8  | ----- | 15.2    | 10.3 | ----- | 15.2     | 13.6 | ----- |
| Prostatectomy.....                         | 160                | 0.6                 | 1.3  | 1.8   | 3.1     | 2.9  | 2.0   | 5.6      | 4.7  | 2.0   |
| Cholecystectomy.....                       | 88                 | 4.5                 | 3.2  | 2.3   | 10.2    | 6.3  | 3.6   | 15.9     | 8.7  | 5.0   |
| Hysterectomy.....                          | 17                 | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**ST JOHNS HOSPITAL**  
Medicare Provider Number: 140053

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 73.6 years  
Proportion female..... 53.2 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 54.9 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 27.5 %  
Admitted for emergency..... 33.3 %

**COMORBIDITIES:**

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 42.9 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 8.9 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 51.0%  
State ..... 47.6%  
Outside State ..... 1.4%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 9.4 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 691  
Occupancy Rate ..... 77.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 38.3 %  
Case Mix Index (CMI) ..... 1.6230

**STAFFING:**

Total Number of Physicians..... 426  
Percent of Physicians Board  
Certified Specialists..... 80.8 %  
Medical Residents/Interns ..... 73  
Registered Nurses..... 612  
Licensed Practical Nurses..... 224

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH HOSPITAL

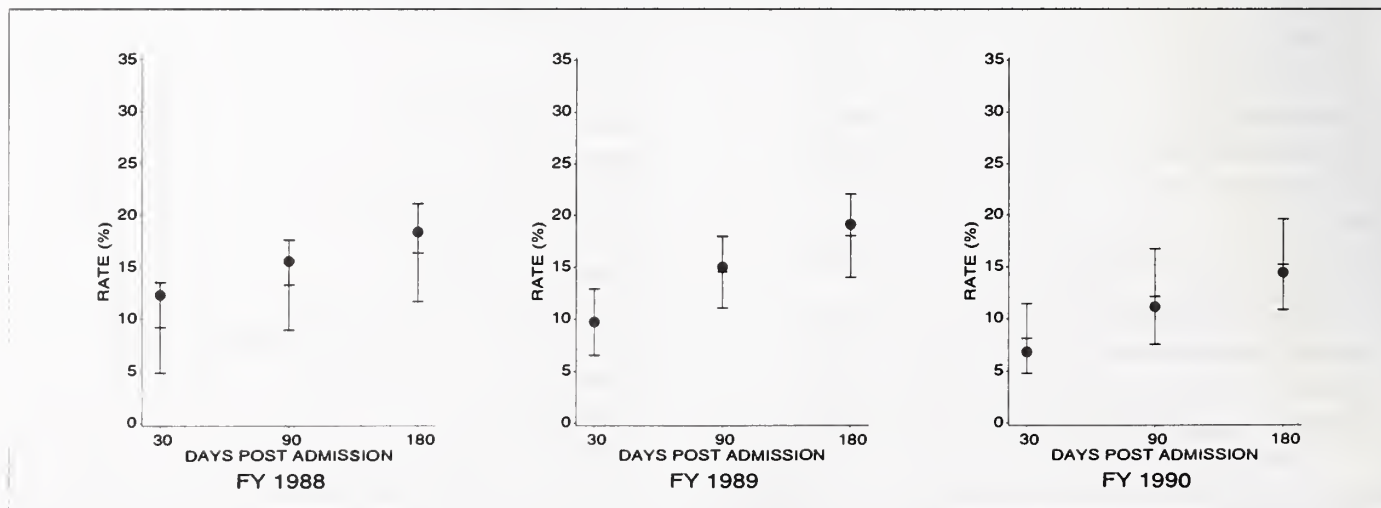
1005 JULIEN ST  
BELVIDERE, IL 61008  
Medicare Provider Number: 140128

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 575             | 6.8                 | 8.1  | 1.7   | 11.1    | 12.1 | 2.3   | 14.4     | 15.2 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 16              | 18.8                | 28.5 | ----- | 25.0    | 32.5 | ----- | 25.0     | 35.8 | ----- |
| Congestive Heart Failure.....              | 26              | 3.8                 | 14.8 | ----- | 11.5    | 23.3 | ----- | 15.4     | 29.3 | ----- |
| Pneumonia/Influenza.....                   | 33              | 2.6                 | 13.5 | ----- | 5.3     | 18.6 | ----- | 10.5     | 22.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 8.4  | ----- | 14.3    | 15.0 | ----- | 14.3     | 20.0 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 1.5  | ----- | 0.0     | 3.6  | ----- | 0.0      | 6.4  | ----- |
| Stroke.....                                | 18              | 22.2                | 18.8 | ----- | 27.8    | 25.1 | ----- | 33.3     | 29.0 | ----- |
| Hip Fracture.....                          | 14              | 14.3                | 6.8  | ----- | 21.4    | 11.6 | ----- | 21.4     | 14.9 | ----- |
| Sepsis.....                                | 5               | 20.0                | 18.2 | ----- | 20.0    | 23.3 | ----- | 20.0     | 28.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 13              | 7.7                 | 3.8  | ----- | 7.7     | 6.9  | ----- | 7.7      | 9.0  | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 7.2  | ----- | 20.0    | 12.2 | ----- | 20.0     | 15.6 | ----- |
| Prostatectomy.....                         | 35              | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 5.7      | 3.7  | ----- |
| Cholecystectomy.....                       | 12              | 0.0                 | 2.1  | ----- | 0.0     | 3.5  | ----- | 0.0      | 4.6  | ----- |
| Hysterectomy.....                          | 7               | 0.0                 | 1.0  | ----- | 14.3    | 2.1  | ----- | 14.3     | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JOSEPH HOSPITAL

Medicare Provider Number: 140128

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.2 years |
| Proportion female.....        | 56.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 41.9 % |
| Transferred from skilled nursing facility..... | 1.2 %  |
| Admitted for elective procedure.....           | 15.0 % |
| Admitted for emergency.....                    | 4.2 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.1 %  |
| Chronic cardiovascular disease..... | 32.9 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 13.4 % |
| Cerebrovascular degeneration.....   | 2.8 %  |
| Diabetes mellitus.....              | 5.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 67.8%  |
| State .....         | 29.8%  |
| Outside State ..... | 2.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 100    |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.0862 |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 42 |
| Licensed Practical Nurses ..... | 13 |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH HOSPITAL

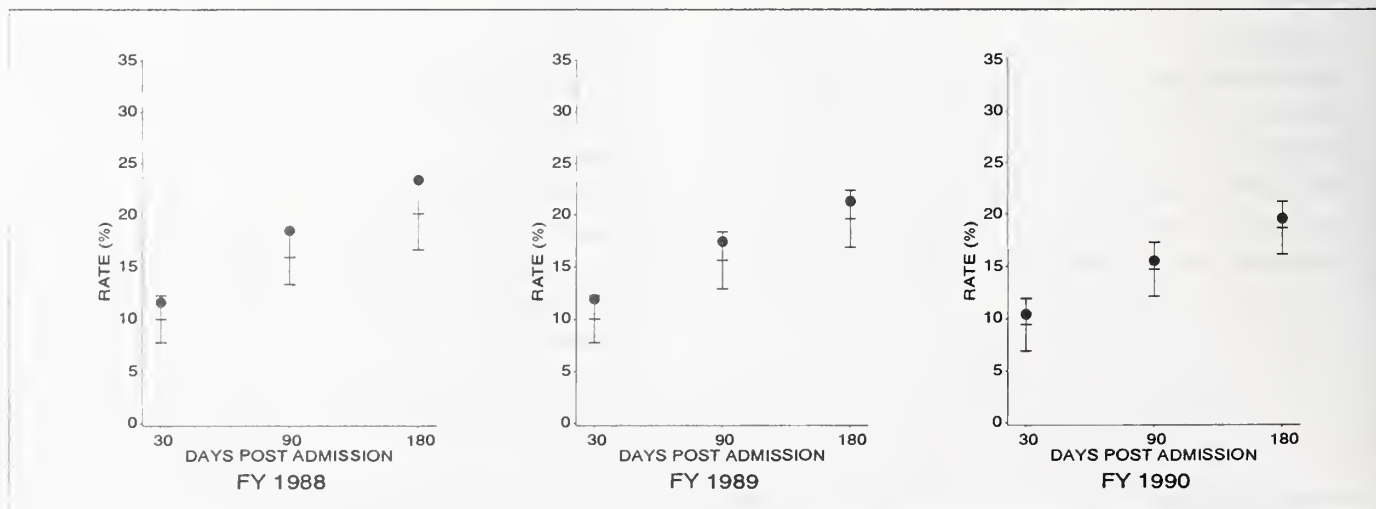
77 N AIRLITE ST  
ELGIN, IL 60120  
Medicare Provider Number: 140217

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1289            | 10.4                | 9.4  | 1.3   | 15.5    | 14.7 | 1.3   | 19.6     | 18.7 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31              | 19.4                | 24.0 | ----- | 19.4    | 26.4 | ----- | 32.3     | 28.9 | ----- |
| Congestive Heart Failure.....              | 59              | 20.3                | 16.3 | 6.9   | 32.2    | 25.3 | 10.6  | 42.4     | 32.0 | 13.0  |
| Pneumonia/Influenza.....                   | 71              | 12.7                | 16.4 | 6.2   | 14.1    | 22.8 | 7.8   | 16.9     | 27.1 | 8.7   |
| Chronic Obstructive Pulmonary Disease..... | 20              | 5.0                 | 5.7  | ----- | 10.0    | 10.5 | ----- | 10.0     | 14.9 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 4.5                 | 1.9  | ----- | 4.5     | 4.2  | ----- | 4.5      | 6.7  | ----- |
| Stroke.....                                | 45              | 26.7                | 19.7 | ----- | 33.3    | 25.6 | ----- | 42.2     | 29.3 | ----- |
| Hip Fracture.....                          | 32              | 6.3                 | 7.5  | ----- | 12.5    | 13.8 | ----- | 18.8     | 18.5 | ----- |
| Sepsis.....                                | 21              | 38.1                | 33.8 | ----- | 57.1    | 45.5 | ----- | 71.4     | 52.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 10              | 10.0                | 2.4  | ----- | 10.0    | 5.0  | ----- | 10.0     | 7.6  | ----- |
| Carotid Endarterectomy.....                | 17              | 5.9                 | 1.8  | ----- | 5.9     | 3.1  | ----- | 5.9      | 4.4  | ----- |
| Hip Replacement/Reconstruction.....        | 16              | 0.0                 | 2.8  | ----- | 0.0     | 5.1  | ----- | 0.0      | 6.8  | ----- |
| Open Reduction of Hip Fracture.....        | 17              | 5.9                 | 7.1  | ----- | 5.9     | 13.4 | ----- | 11.8     | 18.2 | ----- |
| Prostatectomy.....                         | 50              | 2.0                 | 1.1  | ----- | 4.0     | 2.5  | ----- | 6.0      | 4.2  | ----- |
| Cholecystectomy.....                       | 21              | 0.0                 | 2.9  | ----- | 0.0     | 5.4  | ----- | 0.0      | 7.1  | ----- |
| Hysterectomy.....                          | 13              | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST JOSEPH HOSPITAL

Medicare Provider Number: 140217

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.7 years |
| Proportion female.....        | 58.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 38.6 % |
| Transferred from skilled nursing facility..... | 13.0 % |
| Admitted for elective procedure.....           | 11.4 % |
| Admitted for emergency.....                    | 0.0 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 10.9 % |
| Chronic cardiovascular disease..... | 33.4 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 2.5 %  |
| Chronic pulmonary disease.....      | 13.0 % |
| Cerebrovascular degeneration.....   | 5.4 %  |
| Diabetes mellitus.....              | 7.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 79.5%  |
| State .....         | 18.2%  |
| Outside State ..... | 2.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 280    |
| Occupancy Rate .....       | 48.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 31.8 % |
| Case Mix Index (CMI) ..... | 1.2055 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 205    |
| Percent of Physicians Board<br>Certified Specialists ..... | 67.3 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 202    |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH HOSPITAL

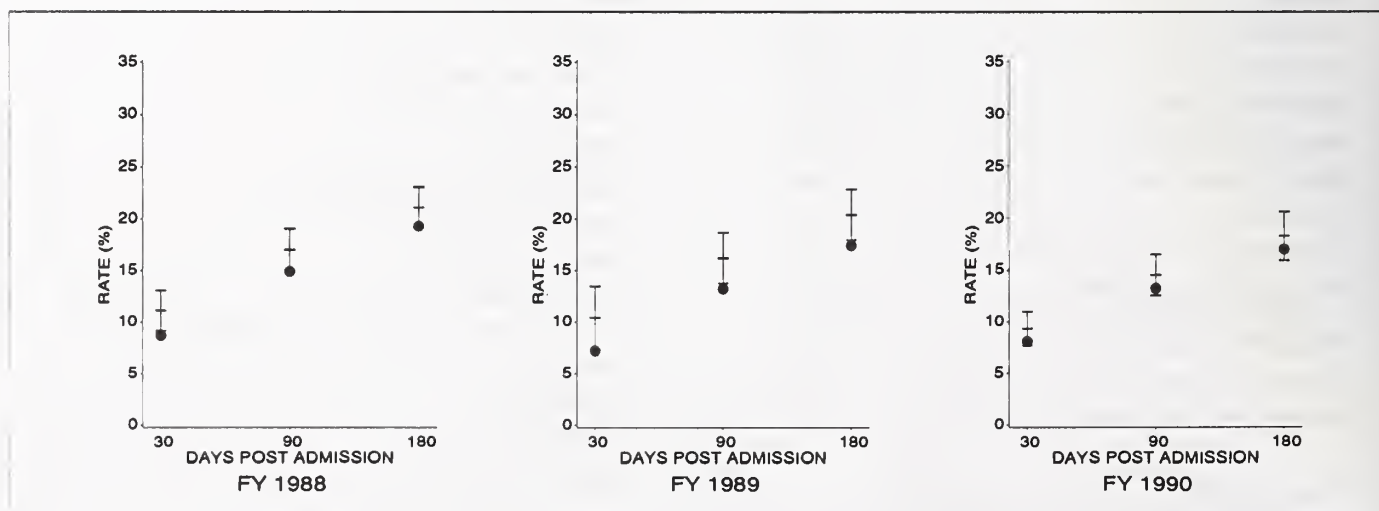
2900 NORTH LAKE SHORE DRIVE  
CHICAGO, IL 60657  
Medicare Provider Number: 140224

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2446            | 8.1                 | 9.3  | 0.8   | 13.2    | 14.5 | 1.0   | 17.0     | 18.3 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 68              | 27.9                | 27.7 | 5.8   | 33.8    | 31.3 | 6.0   | 33.8     | 34.6 | 5.8   |
| Congestive Heart Failure.....              | 103             | 5.8                 | 15.0 | 6.2   | 16.5    | 23.3 | 6.1   | 26.2     | 29.4 | 6.2   |
| Pneumonia/Influenza.....                   | 73              | 11.0                | 16.4 | 4.7   | 15.1    | 22.4 | 6.3   | 15.1     | 26.2 | 6.5   |
| Chronic Obstructive Pulmonary Disease..... | 35              | 20.0                | 9.9  | ----- | 25.7    | 16.3 | ----- | 31.4     | 21.1 | ----- |
| Transient Cerebral Ischemia.....           | 45              | 4.4                 | 1.8  | ----- | 6.7     | 4.2  | ----- | 8.9      | 6.9  | ----- |
| Stroke.....                                | 75              | 14.7                | 18.5 | 6.4   | 24.0    | 25.8 | 5.7   | 26.7     | 29.9 | 6.0   |
| Hip Fracture.....                          | 59              | 1.7                 | 6.0  | 5.4   | 6.8     | 10.6 | 6.1   | 15.3     | 13.9 | 5.9   |
| Sepsis.....                                | 45              | 22.2                | 22.4 | ----- | 28.9    | 30.3 | ----- | 33.3     | 35.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 33              | 0.0                 | 2.6  | ----- | 0.0     | 3.4  | ----- | 0.0      | 4.3  | ----- |
| Coronary Artery Bypass Graft.....          | 41              | 2.4                 | 5.3  | ----- | 7.3     | 7.1  | ----- | 7.3      | 8.0  | ----- |
| Initial Pacemaker Insertion.....           | 26              | 3.8                 | 1.9  | ----- | 3.8     | 3.8  | ----- | 7.7      | 5.7  | ----- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.7  | ----- | 0.0     | 3.1  | ----- | 0.0      | 4.4  | ----- |
| Hip Replacement/Reconstruction.....        | 33              | 0.0                 | 4.0  | ----- | 9.1     | 7.6  | ----- | 15.2     | 10.2 | ----- |
| Open Reduction of Hip Fracture.....        | 20              | 5.0                 | 5.9  | ----- | 10.0    | 10.5 | ----- | 15.0     | 13.8 | ----- |
| Prostatectomy.....                         | 54              | 0.0                 | 0.9  | 1.4   | 0.0     | 2.0  | 2.4   | 1.9      | 3.4  | 2.8   |
| Cholecystectomy.....                       | 24              | 4.2                 | 2.8  | ----- | 8.3     | 5.1  | ----- | 8.3      | 6.7  | ----- |
| Hysterectomy.....                          | 29              | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JOSEPH HOSPITAL

Medicare Provider Number: 140224

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.9 years |
| Proportion female.....        | 63.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.4 % |
| Transferred from skilled nursing facility..... | 1.1 %  |
| Admitted for elective procedure.....           | 6.9 %  |
| Admitted for emergency.....                    | 80.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.4 %  |
| Chronic cardiovascular disease..... | 37.7 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 4.1 %  |
| Chronic pulmonary disease.....      | 11.2 % |
| Cerebrovascular degeneration.....   | 5.3 %  |
| Diabetes mellitus.....              | 6.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 95.6%  |
| State .....         | 1.9%   |
| Outside State ..... | 2.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.4 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 497    |
| Occupancy Rate .....       | 58.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 40.0 % |
| Case Mix Index (CMI) ..... | 1.2748 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 267    |
| Percent of Physicians Board<br>Certified Specialists ..... | 79.8 % |
| Medical Residents/Interns .....                            | 63     |
| Registered Nurses.....                                     | 325    |
| Licensed Practical Nurses .....                            | 14     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH MEDICAL CENTER

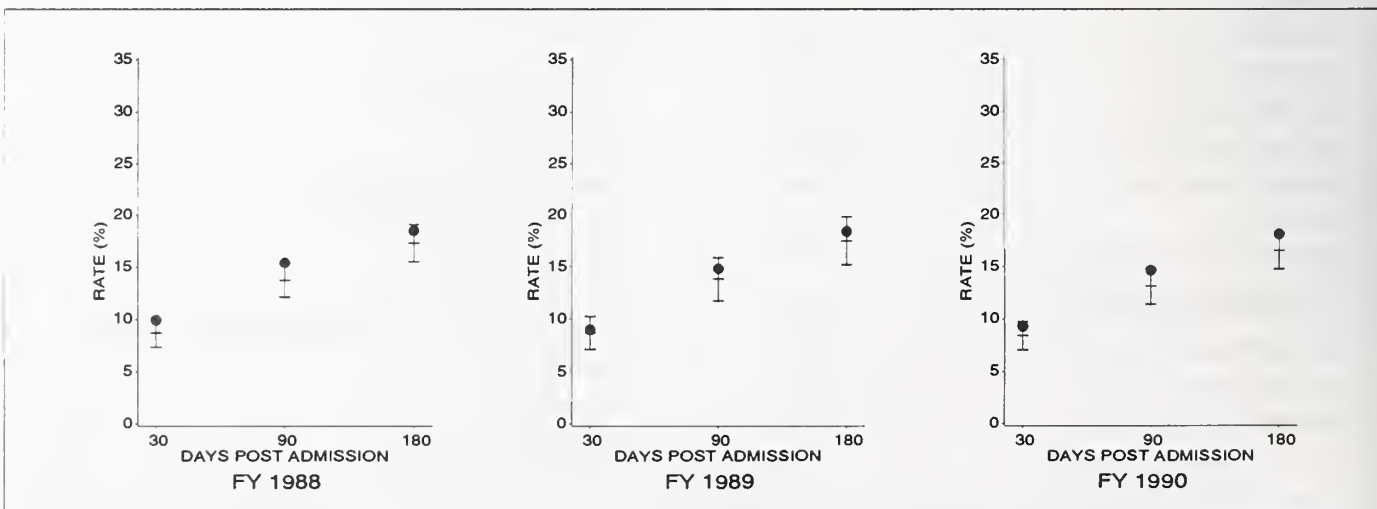
333 N MADISON  
JOLIET, IL 60435  
Medicare Provider Number: 140007

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3346            | 9.3                 | 8.4  | 0.7  | 14.6    | 13.1 | 0.9  | 18.1     | 16.5 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 82              | 37.8                | 26.3 | 5.7  | 45.1    | 29.8 | 7.3  | 50.0     | 32.7 | 7.5  |
| Congestive Heart Failure.....              | 224             | 12.5                | 13.2 | 2.9  | 19.6    | 20.8 | 2.9  | 26.3     | 26.8 | 3.0  |
| Pneumonia/Influenza.....                   | 199             | 16.6                | 16.3 | 2.9  | 24.1    | 22.7 | 3.2  | 28.1     | 26.9 | 3.3  |
| Chronic Obstructive Pulmonary Disease..... | 64              | 10.9                | 6.5  | 4.5  | 15.6    | 12.1 | 5.1  | 21.9     | 16.6 | 6.1  |
| Transient Cerebral Ischemia.....           | 86              | 2.3                 | 2.2  | 1.8  | 3.5     | 4.7  | 2.9  | 5.8      | 7.3  | 3.6  |
| Stroke.....                                | 132             | 14.4                | 18.6 | 4.3  | 16.7    | 24.9 | 5.7  | 21.2     | 28.6 | 6.0  |
| Hip Fracture.....                          | 102             | 6.9                 | 6.7  | 4.0  | 13.7    | 12.0 | 5.0  | 18.6     | 15.7 | 4.8  |
| Sepsis.....                                | 55              | 16.4                | 24.2 | 11.7 | 25.5    | 30.3 | 12.4 | 30.9     | 34.7 | 11.0 |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 7               | 0.0                 | 5.1  | ---- | 0.0     | 6.3  | ---- | 0.0      | 7.7  | ---- |
| Coronary Artery Bypass Graft.....          | 19              | 10.5                | 6.3  | ---- | 21.1    | 8.4  | ---- | 21.1     | 9.4  | ---- |
| Initial Pacemaker Insertion.....           | 26              | 0.0                 | 3.2  | ---- | 3.8     | 6.5  | ---- | 11.5     | 9.7  | ---- |
| Carotid Endarterectomy.....                | 32              | 3.1                 | 1.7  | ---- | 3.1     | 3.0  | ---- | 3.1      | 4.4  | ---- |
| Hip Replacement/Reconstruction.....        | 58              | 1.7                 | 4.3  | 3.4  | 6.9     | 7.8  | 3.8  | 12.1     | 10.4 | 5.1  |
| Open Reduction of Hip Fracture.....        | 31              | 9.7                 | 5.3  | ---- | 19.4    | 10.0 | ---- | 19.4     | 13.4 | ---- |
| Prostatectomy.....                         | 98              | 1.0                 | 1.1  | 1.7  | 5.1     | 2.7  | 2.8  | 7.1      | 4.6  | 3.4  |
| Cholecystectomy.....                       | 63              | 4.8                 | 2.5  | 4.1  | 7.9     | 4.6  | 4.9  | 7.9      | 6.4  | 4.2  |
| Hysterectomy.....                          | 22              | 0.0                 | 0.4  | ---- | 4.5     | 1.0  | ---- | 4.5      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 140007

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.9 years

Proportion female..... 58.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.8 %

Transferred from skilled nursing facility..... 1.7 %

Admitted for elective procedure..... 15.1 %

Admitted for emergency..... 0.6 %

### COMORBIDITIES:

Cancer..... 6.9 %

Chronic cardiovascular disease..... 40.5 %

Chronic liver disease..... 1.0 %

Chronic renal disease..... 3.0 %

Chronic pulmonary disease..... 17.5 %

Cerebrovascular degeneration..... 5.1 %

Diabetes mellitus..... 11.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 86.0%

State ..... 12.2%

Outside State ..... 1.8%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 9.2 Days

State ..... 8.4 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 464

Occupancy Rate ..... 62.0 %

Ownership/Control..... Church

Medicare Discharges .....(Not Available)

Case Mix Index (CMI) ..... 1.2826

### STAFFING:

Total Number of Physicians..... 189

Percent of Physicians Board  
Certified Specialists ..... 82.5 %

Medical Residents/Interns ..... 0

Registered Nurses..... 434

Licensed Practical Nurses ..... 15

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... Yes

Comprehensive Geriatric ..... Yes

Hospice Care ..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes

Rehabilitation..... Yes

Psychiatric ..... Yes

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH MEDICAL CENTER

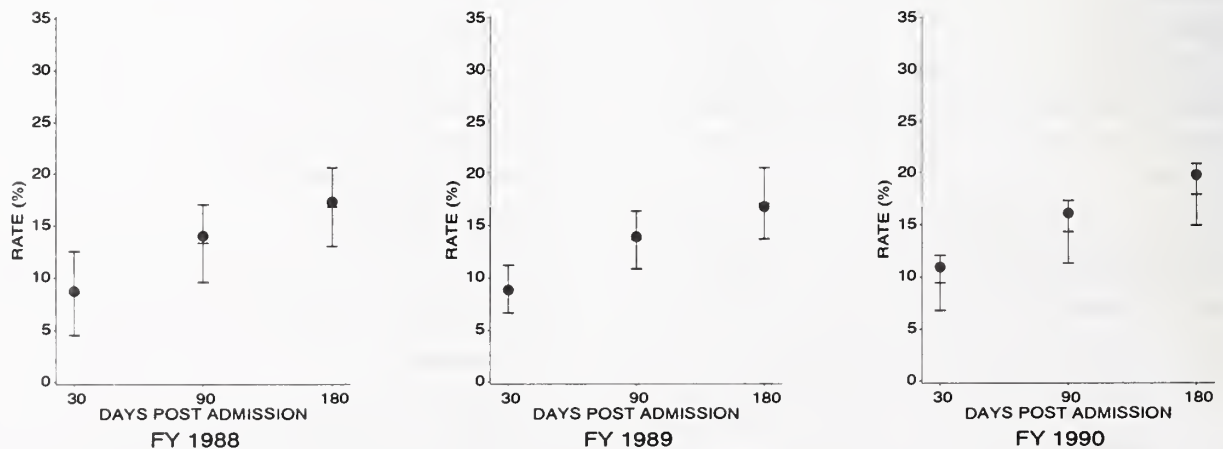
2200 E WASHINGTON  
BLOOMINGTON, IL 61701  
Medicare Provider Number: 140162

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1209            | 10.9                | 9.4  | 1.3  | 16.1    | 14.3 | 1.5  | 19.8     | 17.9 | 1.5  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 41              | 26.8                | 24.3 | ---- | 26.8    | 27.1 | ---- | 29.3     | 29.8 | ---- |
| Congestive Heart Failure.....              | 81              | 14.8                | 14.5 | 4.5  | 23.5    | 22.8 | 4.7  | 32.1     | 29.0 | 5.6  |
| Pneumonia/Influenza.....                   | 55              | 10.9                | 13.0 | 4.7  | 20.0    | 17.9 | 5.4  | 25.5     | 21.4 | 6.6  |
| Chronic Obstructive Pulmonary Disease..... | 16              | 18.8                | 8.0  | ---- | 25.0    | 14.0 | ---- | 25.0     | 18.3 | ---- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.7  | ---- | 0.0     | 4.1  | ---- | 0.0      | 6.8  | ---- |
| Stroke.....                                | 50              | 26.0                | 16.7 | ---- | 28.0    | 22.6 | ---- | 28.0     | 26.2 | ---- |
| Hip Fracture.....                          | 42              | 7.1                 | 5.6  | ---- | 7.1     | 10.1 | ---- | 9.5      | 13.5 | ---- |
| Sepsis.....                                | 21              | 42.9                | 26.3 | ---- | 61.9    | 35.5 | ---- | 61.9     | 41.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 22              | 4.5                 | 4.2  | ---- | 4.5     | 5.5  | ---- | 4.5      | 6.1  | ---- |
| Initial Pacemaker Insertion.....           | 13              | 7.7                 | 2.5  | ---- | 7.7     | 4.3  | ---- | 7.7      | 6.1  | ---- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.2  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.7  | ---- |
| Hip Replacement/Reconstruction.....        | 34              | 0.0                 | 2.1  | ---- | 0.0     | 4.0  | ---- | 0.0      | 5.6  | ---- |
| Open Reduction of Hip Fracture.....        | 21              | 4.8                 | 6.1  | ---- | 4.8     | 11.2 | ---- | 9.5      | 14.9 | ---- |
| Prostatectomy.....                         | 9               | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 2.2  | ---- |
| Cholecystectomy.....                       | 27              | 0.0                 | 1.8  | ---- | 0.0     | 3.1  | ---- | 0.0      | 4.2  | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 140162

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.1 years  
Proportion female..... 60.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.5 %  
Transferred from skilled nursing facility..... 3.4 %  
Admitted for elective procedure..... 13.1 %  
Admitted for emergency..... 1.8 %

### COMORBIDITIES:

Cancer..... 9.6 %  
Chronic cardiovascular disease..... 32.8 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 12.7 %  
Cerebrovascular degeneration..... 2.3 %  
Diabetes mellitus..... 5.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 79.4%  
State ..... 19.0%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 156  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 39.4 %  
Case Mix Index (CMI) ..... 1.3628

### STAFFING:

Total Number of Physicians..... 94  
Percent of Physicians Board  
Certified Specialists ..... 66.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 155  
Licensed Practical Nurses ..... 31

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH MEMORIAL HOSPITAL

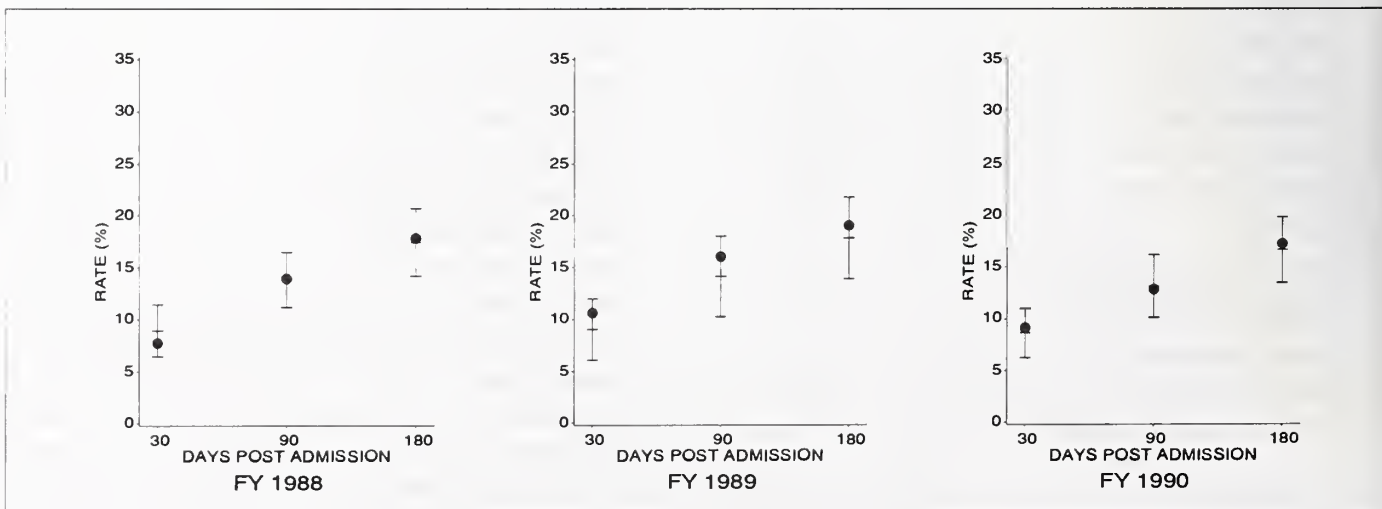
800 N 2ND ST  
MURPHYSBORO, IL 62966  
Medicare Provider Number: 140140

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 639             | 9.1                 | 8.6  | 1.2  | 12.8    | 13.1 | 1.5  | 17.2     | 16.6 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 24              | 50.0                | 31.7 | ---- | 50.0    | 35.1 | ---- | 50.0     | 38.3 | ---- |
| Congestive Heart Failure.....              | 26              | 23.1                | 14.9 | ---- | 26.9    | 23.5 | ---- | 26.9     | 29.6 | ---- |
| Pneumonia/Influenza.....                   | 29              | 10.3                | 9.3  | ---- | 10.3    | 13.0 | ---- | 17.2     | 16.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 20              | 0.0                 | 7.2  | ---- | 5.0     | 12.6 | ---- | 10.0     | 16.7 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.7  | ---- | 8.3     | 3.5  | ---- | 8.3      | 5.6  | ---- |
| Stroke.....                                | 19              | 31.6                | 17.2 | ---- | 36.8    | 23.6 | ---- | 42.1     | 27.5 | ---- |
| Hip Fracture.....                          | 17              | 5.9                 | 9.4  | ---- | 17.6    | 16.2 | ---- | 35.3     | 20.5 | ---- |
| Sepsis.....                                | 6               | 16.7                | 12.6 | ---- | 16.7    | 17.9 | ---- | 16.7     | 21.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 8.6  | ---- | 0.0     | 15.2 | ---- | 25.0     | 19.0 | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 4.1  | ---- | 25.0    | 8.6  | ---- | 25.0     | 12.8 | ---- |
| Prostatectomy.....                         | 20              | 0.0                 | 0.9  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.7  | ---- |
| Cholecystectomy.....                       | 14              | 7.1                 | 2.1  | ---- | 7.1     | 4.0  | ---- | 7.1      | 5.4  | ---- |
| Hysterectomy.....                          | 8               | 0.0                 | 0.5  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST JOSEPH MEMORIAL HOSPITAL

Medicare Provider Number: 140140

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.4 years |
| Proportion female.....        | 63.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 34.3 % |
| Transferred from skilled nursing facility..... | 8.5 %  |
| Admitted for elective procedure.....           | 12.5 % |
| Admitted for emergency.....                    | 27.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.7 %  |
| Chronic cardiovascular disease..... | 38.8 % |
| Chronic liver disease.....          | 0.3 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 22.1 % |
| Cerebrovascular degeneration.....   | 3.8 %  |
| Diabetes mellitus.....              | 8.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 87.6%  |
| State .....         | 11.6%  |
| Outside State ..... | 0.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.4 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 62     |
| Occupancy Rate .....       | 54.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 44.9 % |
| Case Mix Index (CMI) ..... | 1.0657 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 17     |
| Percent of Physicians Board<br>Certified Specialists ..... | 88.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 49     |
| Licensed Practical Nurses .....                            | 20     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPHS HOSPITAL

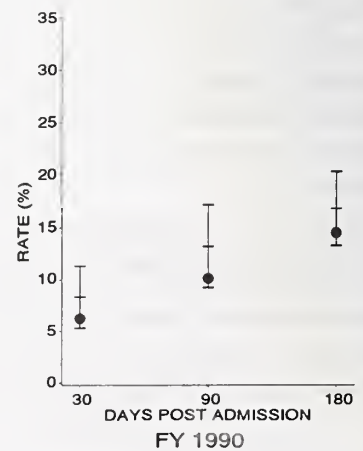
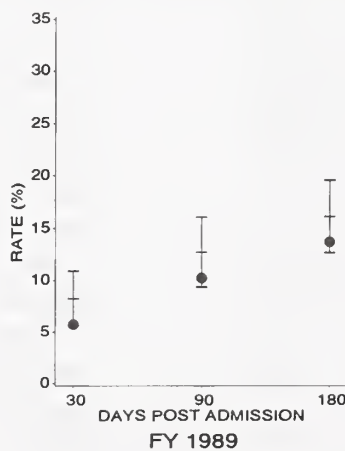
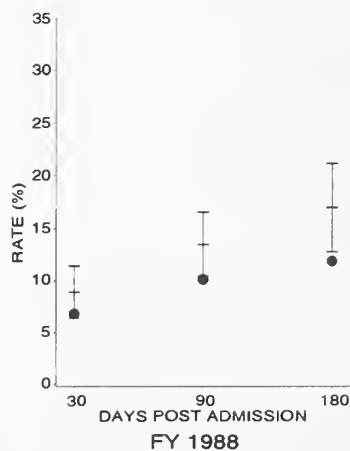
JAMESTOWN ROAD  
BREESE, IL 62230  
Medicare Provider Number: 140145

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 791             | 6.2                 | 8.3  | 1.5  | 10.1    | 13.2 | 2.0  | 14.5     | 16.8 | 1.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15              | 26.7                | 24.5 | ---- | 40.0    | 27.9 | ---- | 40.0     | 30.4 | ---- |
| Congestive Heart Failure.....              | 30              | 13.3                | 16.1 | ---- | 26.7    | 24.4 | ---- | 33.3     | 30.8 | ---- |
| Pneumonia/Influenza.....                   | 69              | 11.6                | 17.3 | 6.9  | 20.3    | 24.0 | 7.4  | 24.6     | 28.3 | 7.9  |
| Chronic Obstructive Pulmonary Disease..... | 15              | 13.3                | 5.2  | ---- | 13.3    | 9.8  | ---- | 26.7     | 13.8 | ---- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 2.2  | ---- | 0.0     | 4.9  | ---- | 0.0      | 7.9  | ---- |
| Stroke.....                                | 16              | 12.5                | 16.9 | ---- | 18.8    | 23.1 | ---- | 18.8     | 26.6 | ---- |
| Hip Fracture.....                          | 18              | 5.6                 | 8.1  | ---- | 11.1    | 14.6 | ---- | 11.1     | 19.0 | ---- |
| Sepsis.....                                | 5               | 20.0                | 35.9 | ---- | 20.0    | 43.7 | ---- | 20.0     | 49.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 2.4  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.7  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 6               | 16.7                | 6.5  | ---- | 16.7    | 11.8 | ---- | 16.7     | 15.8 | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 18.0 | ---- | 0.0     | 35.2 | ---- | 0.0      | 45.9 | ---- |
| Prostatectomy.....                         | 11              | 0.0                 | 1.6  | ---- | 0.0     | 3.8  | ---- | 0.0      | 6.4  | ---- |
| Cholecystectomy.....                       | 17              | 0.0                 | 3.4  | ---- | 5.9     | 6.5  | ---- | 11.8     | 8.8  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.6  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JOSEPHS HOSPITAL

Medicare Provider Number: 140145

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.2 years |
| Proportion female.....        | 62.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 52.0 % |
| Transferred from skilled nursing facility..... | 5.9 %  |
| Admitted for elective procedure.....           | 7.6 %  |
| Admitted for emergency.....                    | 41.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.9 %  |
| Chronic cardiovascular disease..... | 43.6 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 1.8 %  |
| Chronic pulmonary disease.....      | 23.5 % |
| Cerebrovascular degeneration.....   | 0.5 %  |
| Diabetes mellitus.....              | 6.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 86.3%  |
| State .....         | 11.8%  |
| Outside State ..... | 1.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 93     |
| Occupancy Rate .....       | 55.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 46.7 % |
| Case Mix Index (CMI) ..... | 1.0791 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 14     |
| Percent of Physicians Board<br>Certified Specialists ..... | 50.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 58     |
| Licensed Practical Nurses .....                            | 3      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPHS HOSPITAL

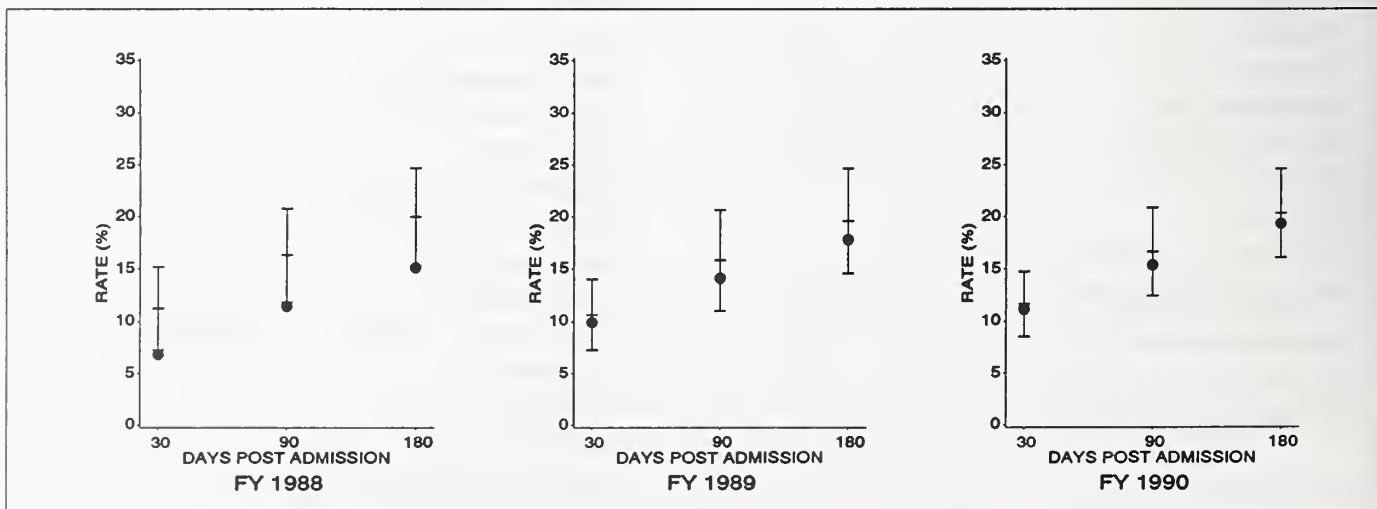
1515 MAIN STREET  
HIGHLAND, IL 62249  
Medicare Provider Number: 140168

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 451             | 11.1                | 11.6 | 1.6   | 15.3    | 16.6 | 2.1   | 19.3     | 20.3 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 22              | 50.0                | 36.3 | ----- | 63.6    | 40.0 | ----- | 63.6     | 43.5 | ----- |
| Congestive Heart Failure.....              | 24              | 16.7                | 15.5 | ----- | 33.3    | 23.6 | ----- | 41.7     | 29.7 | ----- |
| Pneumonia/Influenza.....                   | 38              | 31.6                | 16.9 | ----- | 31.6    | 23.2 | ----- | 34.2     | 27.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 7               | 0.0                 | 10.8 | ----- | 0.0     | 16.7 | ----- | 14.3     | 20.4 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.6  | ----- | 0.0     | 3.7  | ----- | 0.0      | 6.3  | ----- |
| Stroke.....                                | 23              | 17.4                | 23.6 | ----- | 26.1    | 31.6 | ----- | 34.8     | 36.1 | ----- |
| Hip Fracture.....                          | 17              | 0.0                 | 8.0  | ----- | 5.9     | 13.8 | ----- | 11.8     | 18.0 | ----- |
| Sepsis.....                                | 5               | 20.0                | 35.0 | ----- | 20.0    | 40.7 | ----- | 20.0     | 45.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 4.3  | ----- | 0.0     | 8.0  | ----- | 0.0      | 11.3 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 4.2  | ----- | 0.0     | 7.9  | ----- | 0.0      | 11.2 | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 8.0  | ----- | 0.0     | 14.7 | ----- | 25.0     | 19.8 | ----- |
| Prostatectomy.....                         | 8               | 0.0                 | 1.2  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.3  | ----- |
| Cholecystectomy.....                       | 13              | 7.7                 | 3.6  | ----- | 7.7     | 6.3  | ----- | 7.7      | 8.2  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST JOSEPHS HOSPITAL

Medicare Provider Number: 140168

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.8 years  
Proportion female..... 58.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 11.1 %  
Admitted for emergency..... 55.9 %

### COMORBIDITIES:

Cancer..... 7.5 %  
Chronic cardiovascular disease..... 43.2 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 9.5 %  
Cerebrovascular degeneration..... 8.9 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 77.3%  
State ..... 21.3%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 106  
Occupancy Rate ..... 44.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 69.4 %  
Case Mix Index (CMI) ..... 1.1678

### STAFFING:

Total Number of Physicians..... 8  
Percent of Physicians Board  
Certified Specialists ..... 87.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 39  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARGARETS HOSPITAL

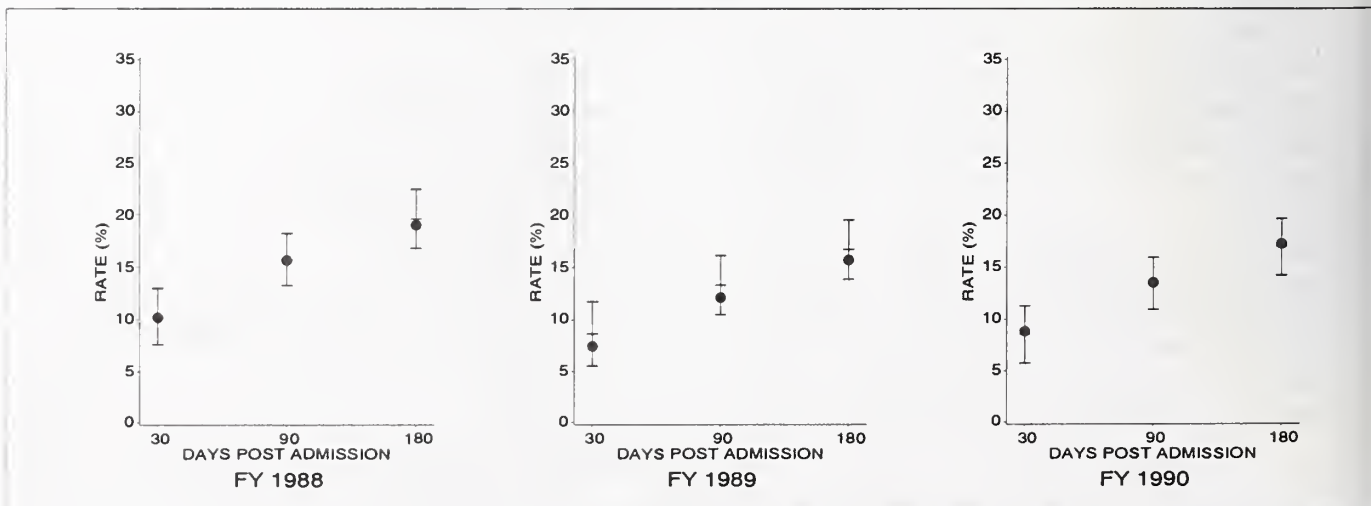
600 E 1ST ST  
SPRING VALLEY, IL 61362  
Medicare Provider Number: 140143

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 816                | 8.8                 | 8.5  | 1.4   | 13.5    | 13.4 | 1.3   | 17.2     | 16.9 | 1.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19                 | 15.8                | 28.8 | ----- | 21.1    | 31.1 | ----- | 26.3     | 33.7 | ----- |
| Congestive Heart Failure.....              | 56                 | 16.1                | 15.2 | 5.2   | 21.4    | 23.5 | 6.0   | 30.4     | 29.9 | 6.2   |
| Pneumonia/Influenza.....                   | 56                 | 10.7                | 15.3 | 7.4   | 17.9    | 21.2 | 6.0   | 25.0     | 25.1 | 5.8   |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 14.4 | ----- | 0.0     | 23.7 | ----- | 0.0      | 29.2 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 2.8  | ----- | 6.3     | 6.2  | ----- | 6.3      | 10.0 | ----- |
| Stroke.....                                | 41                 | 7.3                 | 15.4 | ----- | 12.2    | 22.0 | ----- | 14.6     | 26.0 | ----- |
| Hip Fracture.....                          | 21                 | 4.8                 | 4.9  | ----- | 9.5     | 9.1  | ----- | 9.5      | 12.3 | ----- |
| Sepsis.....                                | 4                  | 25.0                | 23.2 | ----- | 50.0    | 30.2 | ----- | 50.0     | 35.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 17                 | 0.0                 | 1.2  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.4  | ----- |
| Open Reduction of Hip Fracture.....        | 11                 | 9.1                 | 4.4  | ----- | 18.2    | 8.7  | ----- | 18.2     | 12.0 | ----- |
| Prostatectomy.....                         | 32                 | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 3.0  | ----- | 8.3     | 5.3  | ----- | 16.7     | 7.2  | ----- |
| Hysterectomy.....                          | 10                 | 0.0                 | 0.4  | ----- | 0.0     | 1.2  | ----- | 0.0      | 2.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARGARETS HOSPITAL

Medicare Provider Number: 140143

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.9 years  
Proportion female..... 56.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.4 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 15.1 %  
Admitted for emergency..... 24.0 %

### COMORBIDITIES:

Cancer..... 10.4 %  
Chronic cardiovascular disease..... 28.2 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 9.8 %  
Cerebrovascular degeneration..... 1.2 %  
Diabetes mellitus..... 7.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 47.3%  
State..... 51.9%  
Outside State..... 0.8%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.2 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 134  
Occupancy Rate..... 50.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 45.6 %  
Case Mix Index (CMI)..... 1.0431

### STAFFING:

Total Number of Physicians..... 48  
Percent of Physicians Board  
Certified Specialists..... 54.2 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 75  
Licensed Practical Nurses..... 1

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARY HOSPITAL INC

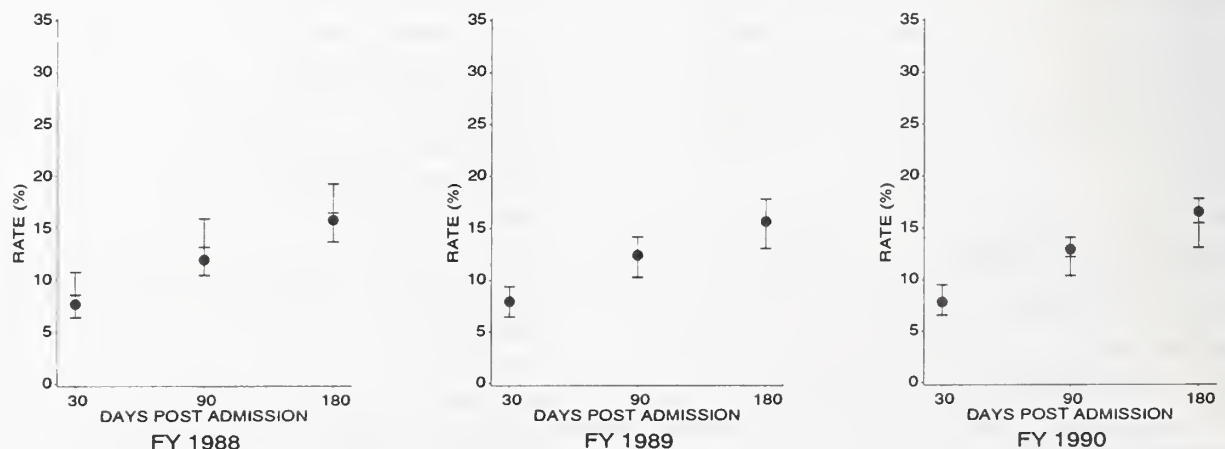
1415 VERMONT STREET  
QUINCY, IL 62301  
Medicare Provider Number: 140159

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1330               | 7.8                 | 8.0  | 0.7   | 12.9    | 12.2 | 0.9   | 16.5     | 15.4 | 1.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23                 | 21.7                | 29.0 | ----- | 26.1    | 31.5 | ----- | 26.1     | 34.0 | ----- |
| Congestive Heart Failure.....              | 65                 | 6.2                 | 14.6 | 7.3   | 18.5    | 22.9 | 7.8   | 23.1     | 29.1 | 6.9   |
| Pneumonia/Influenza.....                   | 66                 | 9.1                 | 14.0 | 6.6   | 16.7    | 19.3 | 8.6   | 21.2     | 22.9 | 6.8   |
| Chronic Obstructive Pulmonary Disease..... | 21                 | 14.3                | 5.0  | ----- | 19.0    | 9.2  | ----- | 19.0     | 12.8 | ----- |
| Transient Cerebral Ischemia.....           | 21                 | 0.0                 | 1.5  | ----- | 0.0     | 3.3  | ----- | 4.8      | 5.5  | ----- |
| Stroke.....                                | 47                 | 19.1                | 19.6 | ----- | 31.9    | 25.8 | ----- | 40.4     | 29.6 | ----- |
| Hip Fracture.....                          | 37                 | 5.4                 | 7.5  | ----- | 8.1     | 13.0 | ----- | 13.5     | 16.6 | ----- |
| Sepsis.....                                | 24                 | 29.2                | 21.8 | ----- | 29.2    | 29.9 | ----- | 33.3     | 34.8 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3                  | 33.3                | 7.3  | ----- | 33.3    | 11.5 | ----- | 66.7     | 14.6 | ----- |
| Carotid Endarterectomy.....                | 2                  | 0.0                 | 1.3  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 29                 | 3.4                 | 4.9  | ----- | 3.4     | 8.7  | ----- | 6.9      | 11.4 | ----- |
| Open Reduction of Hip Fracture.....        | 10                 | 0.0                 | 7.2  | ----- | 10.0    | 13.2 | ----- | 10.0     | 17.3 | ----- |
| Prostatectomy.....                         | 41                 | 0.0                 | 1.0  | ----- | 7.3     | 2.5  | ----- | 7.3      | 4.2  | ----- |
| Cholecystectomy.....                       | 27                 | 3.7                 | 4.3  | ----- | 3.7     | 6.3  | ----- | 3.7      | 7.8  | ----- |
| Hysterectomy.....                          | 4                  | 0.0                 | 1.4  | ----- | 0.0     | 3.8  | ----- | 0.0      | 6.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST MARY HOSPITAL INC

Medicare Provider Number: 140159

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.8 years  
Proportion female..... 54.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.5 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 17.4 %  
Admitted for emergency..... 10.8 %

### COMORBIDITIES:

Cancer..... 6.1 %  
Chronic cardiovascular disease..... 29.0 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 3.2 %  
Chronic pulmonary disease..... 15.7 %  
Cerebrovascular degeneration..... 5.4 %  
Diabetes mellitus..... 6.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 73.2%  
State ..... 11.4%  
Outside State ..... 15.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.8 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 194  
Occupancy Rate ..... 56.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 42.4 %  
Case Mix Index (CMI) ..... 1.2118

### STAFFING:

Total Number of Physicians..... 92  
Percent of Physicians Board  
Certified Specialists ..... 82.6 %  
Medical Residents/Interns ..... 5  
Registered Nurses..... 88  
Licensed Practical Nurses ..... 54

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARY MEDICAL CENTER

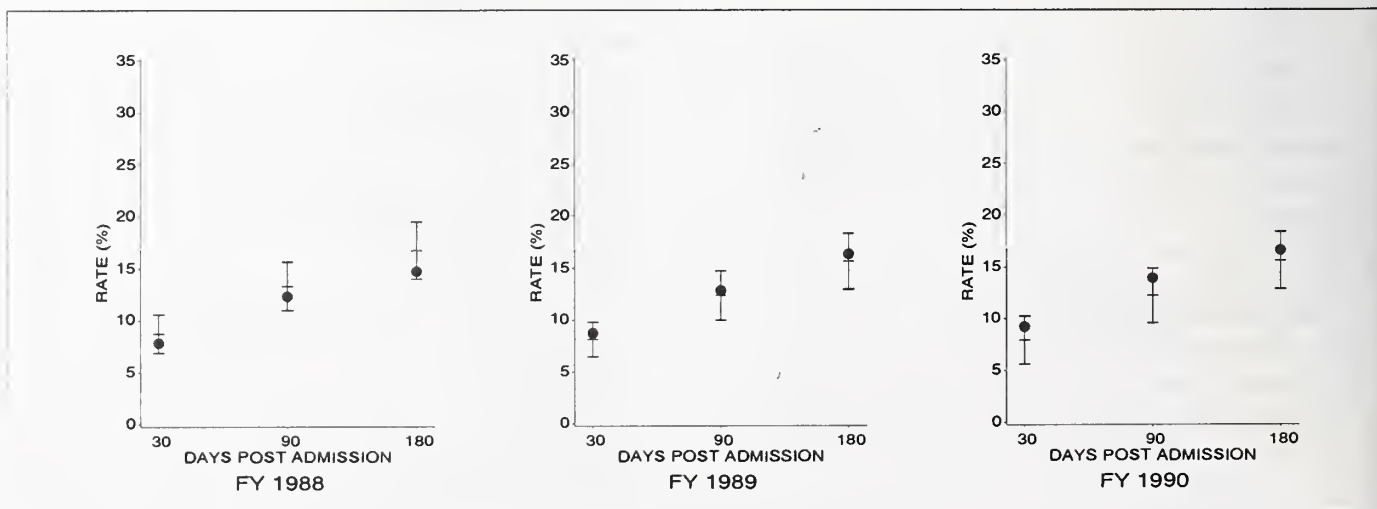
3333 NORTH SEMINARY  
GALESBURG, IL 61401  
Medicare Provider Number: 140064

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1308            | 9.2                 | 7.9  | 1.2  | 13.9    | 12.2 | 1.3  | 16.6     | 15.6 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 45              | 20.0                | 26.9 | ---- | 22.2    | 30.2 | ---- | 26.7     | 33.0 | ---- |
| Congestive Heart Failure.....              | 57              | 21.1                | 16.0 | 6.9  | 28.1    | 25.0 | 8.1  | 35.1     | 31.3 | 8.9  |
| Pneumonia/Influenza.....                   | 63              | 14.3                | 15.2 | 5.0  | 23.8    | 20.4 | 6.4  | 28.6     | 24.1 | 6.6  |
| Chronic Obstructive Pulmonary Disease..... | 43              | 16.3                | 9.6  | ---- | 25.6    | 16.7 | ---- | 25.6     | 21.9 | ---- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.4  | ---- | 5.3     | 3.1  | ---- | 10.5     | 5.2  | ---- |
| Stroke.....                                | 34              | 20.6                | 23.0 | ---- | 26.5    | 30.7 | ---- | 29.4     | 34.8 | ---- |
| Hip Fracture.....                          | 41              | 9.8                 | 5.4  | ---- | 12.2    | 9.4  | ---- | 12.2     | 12.2 | ---- |
| Sepsis.....                                | 12              | 16.7                | 21.9 | ---- | 33.3    | 28.6 | ---- | 50.0     | 33.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5               | 20.0                | 3.8  | ---- | 20.0    | 7.2  | ---- | 20.0     | 10.4 | ---- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.6  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.3  | ---- |
| Hip Replacement/Reconstruction.....        | 38              | 7.9                 | 3.1  | ---- | 10.5    | 5.6  | ---- | 10.5     | 7.6  | ---- |
| Open Reduction of Hip Fracture.....        | 20              | 0.0                 | 4.3  | ---- | 0.0     | 8.0  | ---- | 0.0      | 10.8 | ---- |
| Prostatectomy.....                         | 69              | 1.4                 | 0.6  | 1.3  | 1.4     | 1.5  | 1.6  | 2.9      | 2.7  | 2.4  |
| Cholecystectomy.....                       | 32              | 3.1                 | 3.6  | ---- | 6.3     | 6.5  | ---- | 6.3      | 8.3  | ---- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARY MEDICAL CENTER

Medicare Provider Number: 140064

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years  
Proportion female..... 52.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.3 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 18.2 %  
Admitted for emergency..... 55.6 %

### COMORBIDITIES:

Cancer..... 9.6 %  
Chronic cardiovascular disease..... 37.7 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.8 %  
Chronic pulmonary disease..... 13.6 %  
Cerebrovascular degeneration..... 2.8 %  
Diabetes mellitus..... 7.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 62.0%  
State ..... 37.0%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 158  
Occupancy Rate ..... 45.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.1674

### STAFFING:

Total Number of Physicians..... 63  
Percent of Physicians Board  
Certified Specialists..... 84.1 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARY OF NAZARETH HOSPITAL CENTER

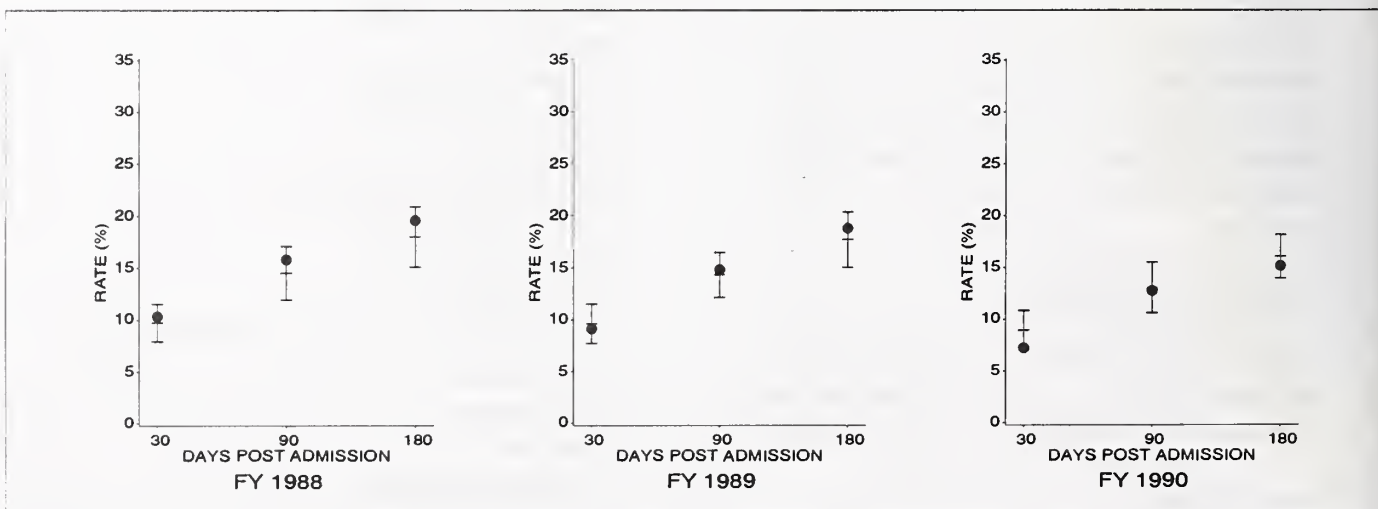
2233 W DIVISION ST  
CHICAGO, IL 60622  
Medicare Provider Number: 140180

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1314            | 7.2                 | 8.9  | 1.0   | 12.7    | 13.0 | 1.2   | 15.1     | 16.0 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 41              | 26.8                | 26.7 | ----- | 34.1    | 28.8 | ----- | 34.1     | 31.2 | ----- |
| Congestive Heart Failure.....              | 73              | 9.6                 | 13.2 | 4.8   | 23.3    | 20.7 | 6.2   | 28.8     | 26.6 | 5.5   |
| Pneumonia/Influenza.....                   | 32              | 3.1                 | 14.2 | ----- | 6.3     | 19.3 | ----- | 12.5     | 22.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 19              | 15.8                | 10.8 | ----- | 26.3    | 18.0 | ----- | 26.3     | 22.7 | ----- |
| Transient Cerebral Ischemia.....           | 36              | 5.6                 | 2.1  | ----- | 5.6     | 4.3  | ----- | 13.9     | 6.6  | ----- |
| Stroke.....                                | 61              | 9.8                 | 20.0 | 7.4   | 19.7    | 24.8 | 6.3   | 24.6     | 28.1 | 6.1   |
| Hip Fracture.....                          | 21              | 0.0                 | 6.1  | ----- | 4.8     | 9.9  | ----- | 14.3     | 12.5 | ----- |
| Sepsis.....                                | 11              | 27.3                | 29.6 | ----- | 27.3    | 35.2 | ----- | 27.3     | 39.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 32              | 0.0                 | 2.8  | ----- | 3.1     | 3.7  | ----- | 3.1      | 4.5  | ----- |
| Coronary Artery Bypass Graft.....          | 5               | 20.0                | 5.1  | ----- | 20.0    | 7.9  | ----- | 20.0     | 9.1  | ----- |
| Initial Pacemaker Insertion.....           | 23              | 4.3                 | 5.0  | ----- | 21.7    | 9.6  | ----- | 21.7     | 13.4 | ----- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.1  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.7  | ----- |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 3.8  | ----- | 0.0     | 6.6  | ----- | 11.1     | 8.7  | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 5.7  | ----- | 9.1     | 9.5  | ----- | 18.2     | 12.2 | ----- |
| Prostatectomy.....                         | 39              | 2.6                 | 1.2  | ----- | 7.7     | 2.5  | ----- | 12.8     | 4.2  | ----- |
| Cholecystectomy.....                       | 19              | 5.3                 | 4.3  | ----- | 21.1    | 7.6  | ----- | 21.1     | 9.6  | ----- |
| Hysterectomy.....                          | 11              | 9.1                 | 0.4  | ----- | 9.1     | 0.9  | ----- | 9.1      | 1.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST MARY OF NAZARETH HOSPITAL CENTER

Medicare Provider Number: 140180

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 71.6 years |
| Proportion female.....        | 52.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 31.4 % |
| Transferred from skilled nursing facility..... | 0.2 %  |
| Admitted for elective procedure.....           | 3.2 %  |
| Admitted for emergency.....                    | 62.2 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.2 %  |
| Chronic cardiovascular disease..... | 43.7 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 2.4 %  |
| Chronic pulmonary disease.....      | 12.6 % |
| Cerebrovascular degeneration.....   | 2.4 %  |
| Diabetes mellitus.....              | 9.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 96.0%  |
| State .....         | 2.1%   |
| Outside State ..... | 1.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 10.6 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 285    |
| Occupancy Rate .....       | 78.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 26.3 % |
| Case Mix Index (CMI) ..... | 1.2876 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 259    |
| Percent of Physicians Board<br>Certified Specialists ..... | 68.3 % |
| Medical Residents/Interns .....                            | 29     |
| Registered Nurses.....                                     | 218    |
| Licensed Practical Nurses.....                             | 18     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | Yes |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL

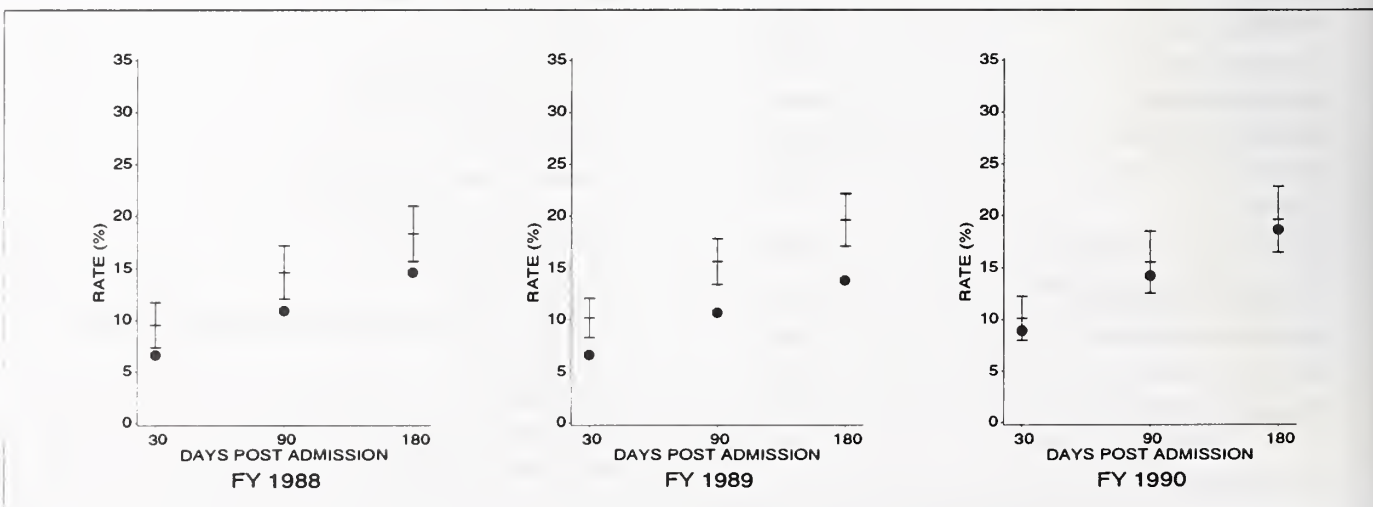
111 E SPRING  
STREATOR, IL 61364  
Medicare Provider Number: 140026

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1320               | 8.9                 | 10.1 | 1.1   | 14.2    | 15.5 | 1.5   | 18.6     | 19.6 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 27                 | 18.5                | 28.3 | ----- | 33.3    | 32.0 | ----- | 48.1     | 35.2 | ----- |
| Congestive Heart Failure.....              | 82                 | 8.5                 | 14.2 | 6.7   | 18.3    | 22.3 | 7.4   | 28.0     | 28.4 | 6.1   |
| Pneumonia/Influenza.....                   | 72                 | 15.3                | 16.3 | 6.3   | 19.4    | 22.5 | 6.2   | 23.6     | 26.7 | 6.5   |
| Chronic Obstructive Pulmonary Disease..... | 12                 | 0.0                 | 6.4  | ----- | 0.0     | 11.0 | ----- | 16.7     | 14.9 | ----- |
| Transient Cerebral Ischemia.....           | 20                 | 0.0                 | 2.3  | ----- | 10.0    | 5.2  | ----- | 10.0     | 8.7  | ----- |
| Stroke.....                                | 59                 | 22.0                | 21.0 | 5.3   | 23.7    | 27.3 | 6.3   | 28.8     | 31.2 | 6.3   |
| Hip Fracture.....                          | 26                 | 7.7                 | 5.8  | ----- | 7.7     | 9.9  | ----- | 7.7      | 12.9 | ----- |
| Sepsis.....                                | 30                 | 20.0                | 29.7 | ----- | 30.0    | 39.7 | ----- | 33.3     | 45.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 8                  | 0.0                 | 2.0  | ----- | 0.0     | 3.7  | ----- | 0.0      | 5.5  | ----- |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 19                 | 0.0                 | 2.5  | ----- | 0.0     | 4.7  | ----- | 0.0      | 6.6  | ----- |
| Open Reduction of Hip Fracture.....        | 8                  | 0.0                 | 4.9  | ----- | 0.0     | 8.9  | ----- | 0.0      | 11.6 | ----- |
| Prostatectomy.....                         | 23                 | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.8  | ----- |
| Cholecystectomy.....                       | 21                 | 0.0                 | 2.5  | ----- | 4.8     | 4.4  | ----- | 4.8      | 5.6  | ----- |
| Hysterectomy.....                          | 4                  | 0.0                 | 1.4  | ----- | 0.0     | 3.2  | ----- | 0.0      | 4.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARYS HOSPITAL

Medicare Provider Number: 140026

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years

Proportion female..... 59.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.4 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 0.8 %

Admitted for emergency..... 1.0 %

### COMORBIDITIES:

Cancer..... 10.7 %

Chronic cardiovascular disease..... 42.2 %

Chronic liver disease..... 1.1 %

Chronic renal disease..... 2.0 %

Chronic pulmonary disease..... 13.6 %

Cerebrovascular degeneration..... 4.8 %

Diabetes mellitus..... 8.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 71.6%

State..... 27.4%

Outside State..... 1.0%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.0 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 170

Occupancy Rate..... 55.0 %

Ownership/Control..... Church

Medicare Discharges.....(Not Available)

Case Mix Index (CMI)..... 1.1010

### STAFFING:

Total Number of Physicians..... 38

Percent of Physicians Board  
Certified Specialists..... 60.5 %

Medical Residents/Interns..... 0

Registered Nurses..... 90

Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... No

Comprehensive Geriatric..... No

Hospice Care..... Yes

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL

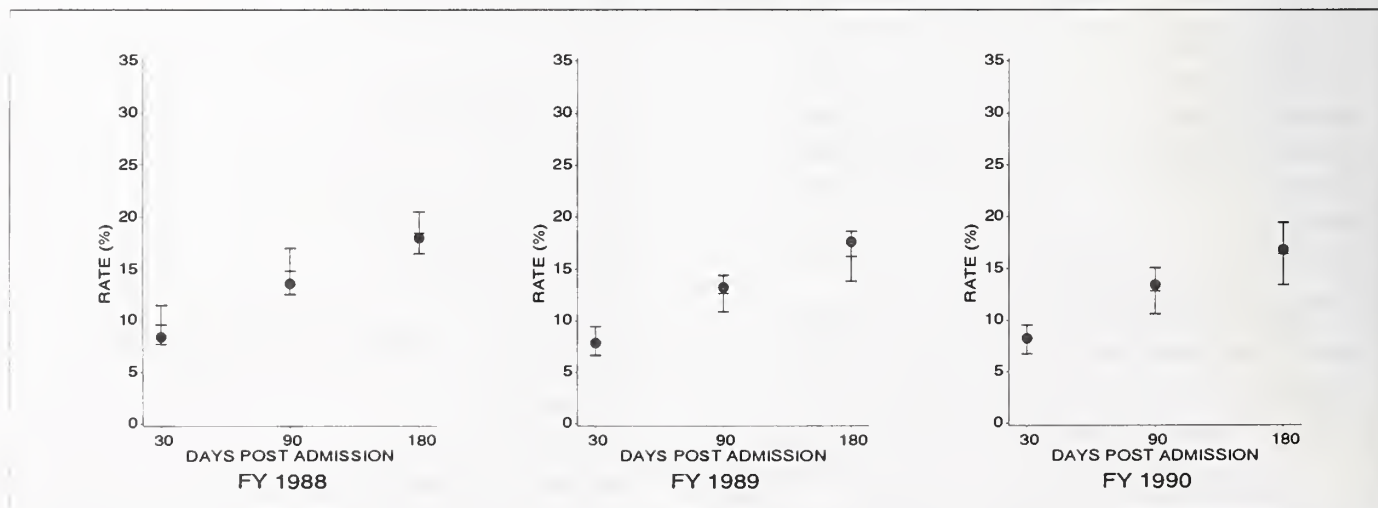
400 NORTH PLEASANT  
CENTRALIA, IL 62801  
Medicare Provider Number: 140034

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1689               | 8.2                 | 8.1  | 0.7   | 13.4    | 12.8 | 1.1   | 16.8     | 16.4 | 1.5   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23                 | 30.4                | 24.4 | ----- | 30.4    | 27.5 | ----- | 30.4     | 30.2 | ----- |
| Congestive Heart Failure.....              | 79                 | 15.2                | 15.8 | 4.4   | 26.6    | 25.6 | 5.2   | 31.6     | 32.5 | 6.1   |
| Pneumonia/Influenza.....                   | 98                 | 18.4                | 15.9 | 4.3   | 25.5    | 21.7 | 5.3   | 30.6     | 25.3 | 6.6   |
| Chronic Obstructive Pulmonary Disease..... | 68                 | 2.9                 | 6.6  | 4.8   | 11.8    | 12.2 | 6.5   | 13.2     | 17.0 | 6.6   |
| Transient Cerebral Ischemia.....           | 40                 | 0.0                 | 2.2  | ----- | 5.0     | 5.0  | ----- | 5.0      | 7.9  | ----- |
| Stroke.....                                | 41                 | 22.0                | 17.5 | ----- | 29.3    | 23.5 | ----- | 36.6     | 27.4 | ----- |
| Hip Fracture.....                          | 37                 | 2.7                 | 6.4  | ----- | 13.5    | 11.7 | ----- | 18.9     | 15.5 | ----- |
| Sepsis.....                                | 19                 | 26.3                | 25.0 | ----- | 31.6    | 34.7 | ----- | 36.8     | 40.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 18                 | 5.6                 | 3.4  | ----- | 16.7    | 7.0  | ----- | 22.2     | 10.7 | ----- |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 18                 | 0.0                 | 5.4  | ----- | 16.7    | 10.8 | ----- | 16.7     | 15.2 | ----- |
| Open Reduction of Hip Fracture.....        | 21                 | 4.8                 | 5.3  | ----- | 4.8     | 10.3 | ----- | 14.3     | 13.9 | ----- |
| Prostatectomy.....                         | 43                 | 0.0                 | 1.0  | ----- | 2.3     | 2.2  | ----- | 2.3      | 3.8  | ----- |
| Cholecystectomy.....                       | 29                 | 3.4                 | 3.0  | ----- | 13.8    | 4.9  | ----- | 13.8     | 5.9  | ----- |
| Hysterectomy.....                          | 12                 | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST MARYS HOSPITAL

Medicare Provider Number: 140034

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.8 years |
| Proportion female.....        | 59.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 64.9 % |
| Transferred from skilled nursing facility..... | 3.0 %  |
| Admitted for elective procedure.....           | 6.9 %  |
| Admitted for emergency.....                    | 24.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.0 %  |
| Chronic cardiovascular disease..... | 38.9 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 20.1 % |
| Cerebrovascular degeneration.....   | 5.9 %  |
| Diabetes mellitus.....              | 9.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 73.4%  |
| State .....         | 24.5%  |
| Outside State ..... | 2.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 10.1 Days |
| State .....    | 8.4 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 276    |
| Occupancy Rate .....       | 65.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 38.6 % |
| Case Mix Index (CMI) ..... | 1.1146 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 44     |
| Percent of Physicians Board<br>Certified Specialists ..... | 70.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 153    |
| Licensed Practical Nurses.....                             | 47     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL

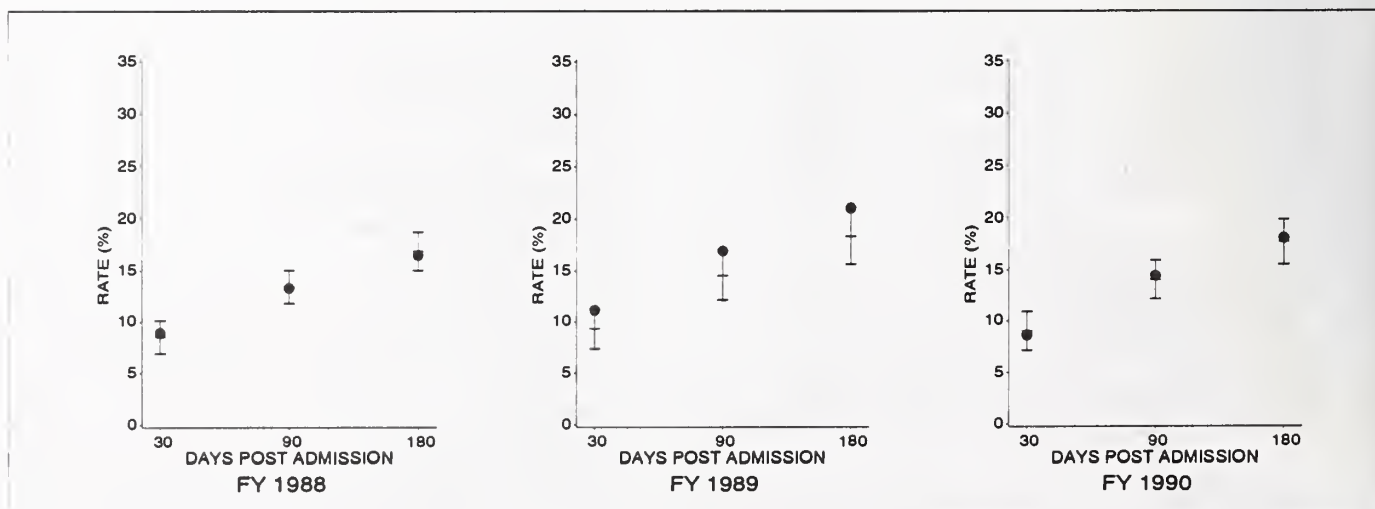
500 W COURT ST  
KANKAKEE, IL 60901  
Medicare Provider Number: 140155

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1596            | 8.6                 | 9.0  | 1.0   | 14.4    | 14.0 | 1.0   | 18.1     | 17.7 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 42              | 33.3                | 25.6 | ----- | 38.1    | 29.1 | ----- | 40.5     | 32.1 | ----- |
| Congestive Heart Failure.....              | 107             | 15.9                | 14.1 | 3.7   | 20.6    | 22.9 | 4.4   | 25.2     | 29.4 | 5.5   |
| Pneumonia/Influenza.....                   | 76              | 11.8                | 14.3 | 4.5   | 19.7    | 20.1 | 4.8   | 26.3     | 24.0 | 5.3   |
| Chronic Obstructive Pulmonary Disease..... | 40              | 7.5                 | 5.3  | ----- | 15.0    | 10.1 | ----- | 20.0     | 14.2 | ----- |
| Transient Cerebral Ischemia.....           | 23              | 0.0                 | 1.4  | ----- | 0.0     | 3.2  | ----- | 0.0      | 5.3  | ----- |
| Stroke.....                                | 64              | 25.0                | 18.8 | 5.4   | 28.1    | 24.9 | 6.4   | 40.6     | 28.6 | 7.1   |
| Hip Fracture.....                          | 40              | 12.5                | 8.1  | ----- | 15.0    | 14.0 | ----- | 17.5     | 18.1 | ----- |
| Sepsis.....                                | 30              | 13.3                | 20.4 | ----- | 36.7    | 29.0 | ----- | 43.3     | 34.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 3.4  | ----- | 0.0     | 6.8  | ----- | 0.0      | 10.3 | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.0  | ----- |
| Hip Replacement/Reconstruction.....        | 27              | 7.4                 | 4.2  | ----- | 11.1    | 7.6  | ----- | 11.1     | 10.3 | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 5.5  | ----- | 0.0     | 9.9  | ----- | 20.0     | 13.5 | ----- |
| Prostatectomy.....                         | 23              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 21              | 4.8                 | 2.4  | ----- | 4.8     | 4.5  | ----- | 4.8      | 6.1  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 0.2  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARYS HOSPITAL

Medicare Provider Number: 140155

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.5 years  
Proportion female..... 55.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 85.8 %  
Transferred from skilled nursing facility..... 5.4 %  
Admitted for elective procedure..... 8.8 %  
Admitted for emergency..... 69.9 %

### COMORBIDITIES:

Cancer..... 7.8 %  
Chronic cardiovascular disease..... 37.0 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 5.6 %  
Chronic pulmonary disease..... 18.2 %  
Cerebrovascular degeneration..... 5.6 %  
Diabetes mellitus..... 11.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.7%  
State ..... 10.7%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 230  
Occupancy Rate ..... 59.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 45.5 %  
Case Mix Index (CMI) ..... 1.2006

### STAFFING:

Total Number of Physicians..... 106  
Percent of Physicians Board  
Certified Specialists ..... 80.2 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL

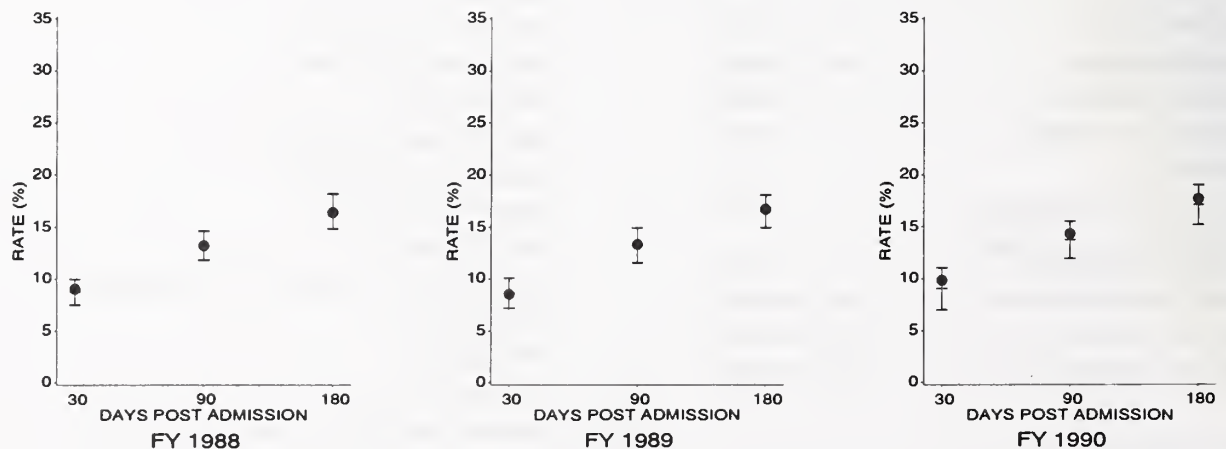
1800 E LAKE SHORE DR  
DECATUR, IL 62525  
Medicare Provider Number: 140166

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2347            | 9.8                 | 9.0  | 1.0  | 14.3    | 13.7 | 0.9  | 17.7     | 17.1 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 77              | 33.8                | 25.0 | 6.2  | 42.9    | 27.6 | 8.0  | 45.5     | 30.0 | 7.6  |
| Congestive Heart Failure.....              | 146             | 18.5                | 14.2 | 4.2  | 26.0    | 22.3 | 4.1  | 34.2     | 28.4 | 5.2  |
| Pneumonia/Influenza.....                   | 117             | 17.9                | 16.9 | 3.5  | 21.4    | 22.9 | 4.2  | 23.9     | 27.0 | 4.8  |
| Chronic Obstructive Pulmonary Disease..... | 55              | 5.5                 | 5.6  | 3.2  | 7.3     | 10.2 | 4.6  | 9.1      | 14.1 | 5.8  |
| Transient Cerebral Ischemia.....           | 42              | 2.4                 | 1.6  | ---- | 2.4     | 3.7  | ---- | 2.4      | 6.1  | ---- |
| Stroke.....                                | 83              | 14.5                | 21.2 | 6.2  | 18.1    | 27.3 | 7.8  | 21.7     | 30.8 | 8.1  |
| Hip Fracture.....                          | 75              | 5.3                 | 7.2  | 3.7  | 10.7    | 12.4 | 4.1  | 14.7     | 16.0 | 5.2  |
| Sepsis.....                                | 28              | 50.0                | 21.9 | ---- | 50.0    | 27.9 | ---- | 60.7     | 32.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 16              | 0.0                 | 5.0  | ---- | 18.8    | 8.6  | ---- | 25.0     | 11.5 | ---- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.9  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.0  | ---- |
| Hip Replacement/Reconstruction.....        | 42              | 0.0                 | 3.5  | ---- | 4.8     | 6.3  | ---- | 9.5      | 8.4  | ---- |
| Open Reduction of Hip Fracture.....        | 40              | 10.0                | 6.5  | ---- | 15.0    | 11.8 | ---- | 17.5     | 15.6 | ---- |
| Prostatectomy.....                         | 67              | 0.0                 | 0.9  | 3.4  | 3.0     | 2.2  | 3.3  | 6.0      | 3.8  | 3.5  |
| Cholecystectomy.....                       | 56              | 5.4                 | 2.7  | 3.7  | 8.9     | 4.9  | 5.2  | 8.9      | 6.5  | 5.4  |
| Hysterectomy.....                          | 18              | 0.0                 | 0.9  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST MARYS HOSPITAL

Medicare Provider Number: 140166

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years

Proportion female..... 59.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.6 %

Transferred from skilled nursing facility..... 0.5 %

Admitted for elective procedure..... 19.8 %

Admitted for emergency..... 58.3 %

### COMORBIDITIES:

Cancer..... 6.9 %

Chronic cardiovascular disease..... 38.6 %

Chronic liver disease..... 0.5 %

Chronic renal disease..... 2.4 %

Chronic pulmonary disease..... 17.1 %

Cerebrovascular degeneration..... 5.6 %

Diabetes mellitus..... 5.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 61.9%

State..... 36.9%

Outside State..... 1.2%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.7 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 366

Occupancy Rate..... 65.0 %

Ownership/Control..... Private, Non-Profit

Medicare Discharges..... 38.9 %

Case Mix Index (CMI)..... 1.2345

### STAFFING:

Total Number of Physicians..... 130

Percent of Physicians Board  
Certified Specialists..... 70.0 %

Medical Residents/Interns..... 3

Registered Nurses..... 254

Licensed Practical Nurses..... 138

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... No

Comprehensive Geriatric..... No

Hospice Care..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes

Rehabilitation..... No

Psychiatric..... Yes

Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL OF EAST ST LOUIS

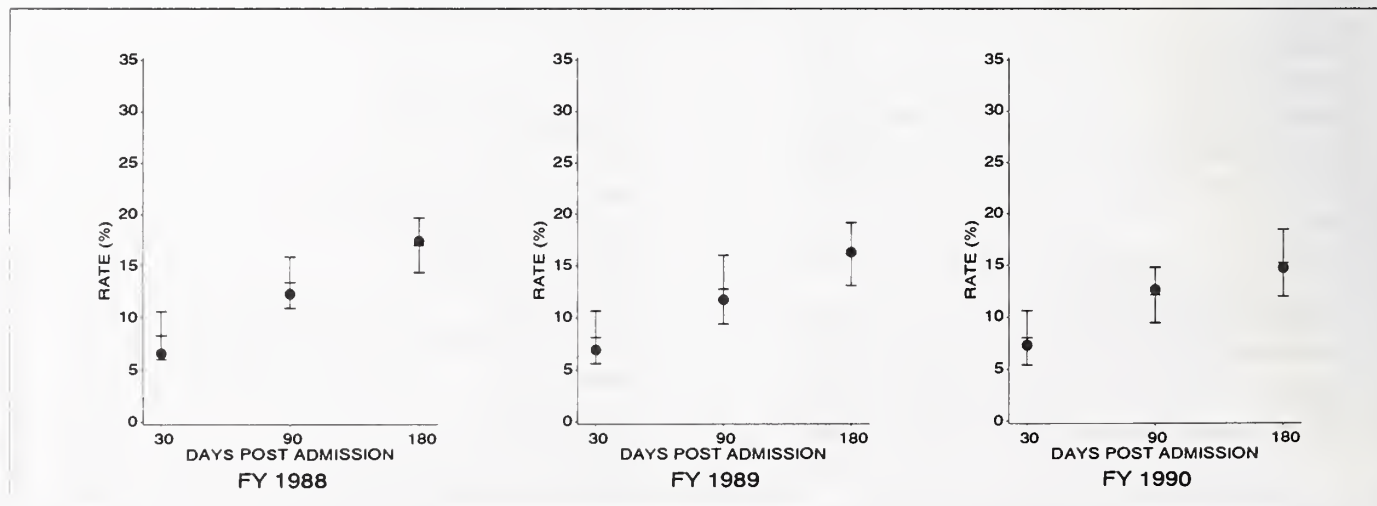
129 N 8TH ST  
EAST SAINT LOUIS, IL 62201  
Medicare Provider Number: 140066

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 688                | 7.3                 | 8.0  | 1.3  | 12.6    | 12.1 | 1.3  | 14.7     | 15.2 | 1.6  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 9                  | 33.3                | 22.6 | ---- | 44.4    | 26.4 | ---- | 44.4     | 29.3 | ---- |
| Congestive Heart Failure.....              | 51                 | 5.9                 | 12.8 | 6.5  | 13.7    | 20.4 | 8.1  | 21.6     | 25.8 | 7.2  |
| Pneumonia/Influenza.....                   | 21                 | 9.5                 | 16.0 | ---- | 23.8    | 21.5 | ---- | 23.8     | 25.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 14                 | 0.0                 | 6.6  | ---- | 0.0     | 11.6 | ---- | 0.0      | 15.5 | ---- |
| Transient Cerebral Ischemia.....           | 9                  | 0.0                 | 1.6  | ---- | 0.0     | 3.5  | ---- | 0.0      | 5.5  | ---- |
| Stroke.....                                | 24                 | 25.0                | 19.6 | ---- | 33.3    | 26.0 | ---- | 33.3     | 29.9 | ---- |
| Hip Fracture.....                          | 7                  | 0.0                 | 5.8  | ---- | 0.0     | 9.9  | ---- | 0.0      | 12.4 | ---- |
| Sepsis.....                                | 9                  | 44.4                | 21.0 | ---- | 66.7    | 29.8 | ---- | 66.7     | 35.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 2.9  | ---- | 0.0     | 6.0  | ---- | 16.7     | 9.3  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5                  | 0.0                 | 7.3  | ---- | 0.0     | 12.5 | ---- | 0.0      | 15.2 | ---- |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 5.4  | ---- | 0.0     | 9.2  | ---- | 0.0      | 11.4 | ---- |
| Prostatectomy.....                         | 1                  | 0.0                 | 0.7  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.6  | ---- |
| Cholecystectomy.....                       | 6                  | 0.0                 | 5.2  | ---- | 0.0     | 10.2 | ---- | 0.0      | 14.1 | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.8  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARYS HOSPITAL OF EAST ST LOUIS

Medicare Provider Number: 140066

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 67.9 years  
Proportion female..... 55.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 27.9 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 3.2 %  
Admitted for emergency..... 19.2 %

### COMORBIDITIES:

Cancer..... 4.7 %  
Chronic cardiovascular disease..... 33.9 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 11.5 %  
Cerebrovascular degeneration..... 7.8 %  
Diabetes mellitus..... 12.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 93.6%  
State..... 3.2%  
Outside State..... 3.2%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.9 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 101  
Occupancy Rate..... 96.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 23.3 %  
Case Mix Index (CMI)..... 1.1651

### STAFFING:

Total Number of Physicians..... 53  
Percent of Physicians Board  
Certified Specialists..... 54.7 %  
Medical Residents/Interns..... 2  
Registered Nurses..... 61  
Licensed Practical Nurses..... 48

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST THERESE MEDICAL CENTER

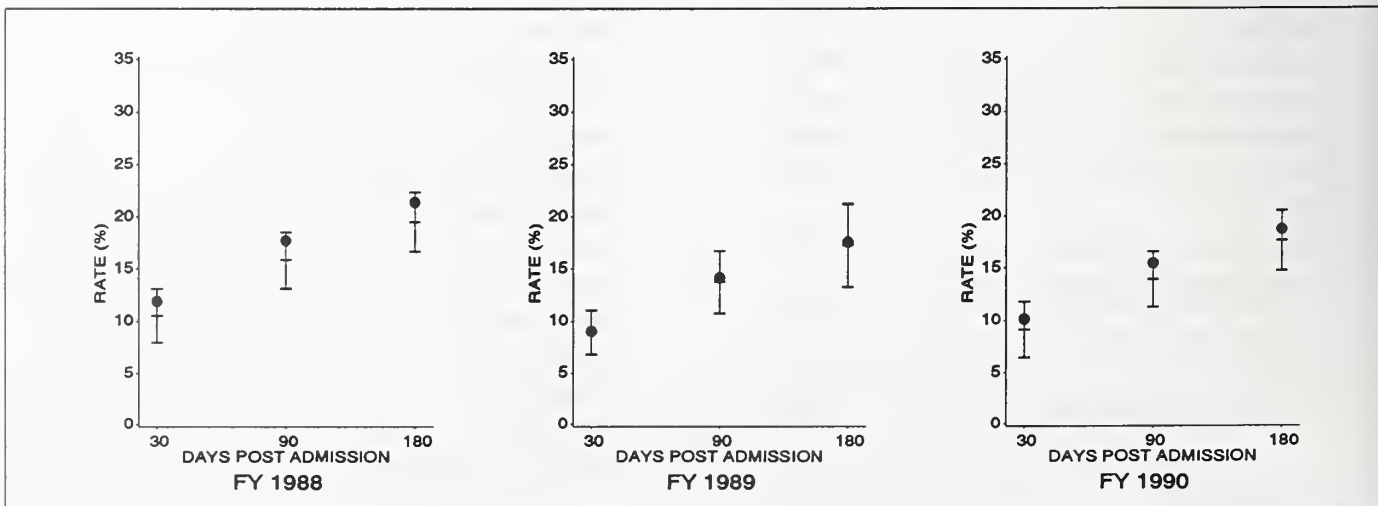
2615 WASHINGTON ST  
WAUKEGAN, IL 60085  
Medicare Provider Number: 140033

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1343            | 10.1                | 9.1  | 1.4  | 15.4    | 13.9 | 1.3  | 18.7     | 17.6 | 1.5  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 32              | 34.4                | 27.0 | ---- | 37.5    | 30.1 | ---- | 40.6     | 32.8 | ---- |
| Congestive Heart Failure.....              | 63              | 20.6                | 14.2 | 8.7  | 31.7    | 22.7 | 9.6  | 36.5     | 28.8 | 9.5  |
| Pneumonia/Influenza.....                   | 73              | 16.4                | 16.3 | 4.4  | 27.4    | 22.4 | 5.9  | 32.9     | 26.6 | 6.1  |
| Chronic Obstructive Pulmonary Disease..... | 19              | 0.0                 | 6.3  | ---- | 10.5    | 12.5 | ---- | 21.1     | 17.7 | ---- |
| Transient Cerebral Ischemia.....           | 40              | 2.5                 | 1.9  | ---- | 2.5     | 4.3  | ---- | 2.5      | 7.1  | ---- |
| Stroke.....                                | 57              | 15.8                | 21.1 | 9.5  | 21.1    | 27.9 | 10.4 | 22.8     | 31.9 | 11.4 |
| Hip Fracture.....                          | 22              | 0.0                 | 6.6  | ---- | 13.6    | 11.6 | ---- | 13.6     | 15.1 | ---- |
| Sepsis.....                                | 22              | 27.3                | 29.2 | ---- | 31.8    | 37.3 | ---- | 36.4     | 42.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 3.4  | ---- | 0.0     | 6.1  | ---- | 0.0      | 8.7  | ---- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.6  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.2  | ---- |
| Hip Replacement/Reconstruction.....        | 26              | 0.0                 | 3.0  | ---- | 0.0     | 5.5  | ---- | 0.0      | 7.2  | ---- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 8.1  | ---- | 33.3    | 13.3 | ---- | 33.3     | 17.1 | ---- |
| Prostatectomy.....                         | 15              | 0.0                 | 1.3  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.7  | ---- |
| Cholecystectomy.....                       | 26              | 0.0                 | 1.1  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.4  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 25.0     | 1.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST THERESE MEDICAL CENTER

Medicare Provider Number: 140033

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.5 years  
Proportion female..... 60.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.5 %  
Transferred from skilled nursing facility..... 1.0 %  
Admitted for elective procedure..... 28.4 %  
Admitted for emergency..... 56.3 %

### COMORBIDITIES:

Cancer..... 8.3 %  
Chronic cardiovascular disease..... 37.2 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.9 %  
Chronic pulmonary disease..... 17.3 %  
Cerebrovascular degeneration..... 5.7 %  
Diabetes mellitus..... 11.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.1%  
State ..... 6.7%  
Outside State ..... 4.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 254  
Occupancy Rate ..... 59.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.2083

### STAFFING:

Total Number of Physicians..... 173  
Percent of Physicians Board  
Certified Specialists..... 74.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 181  
Licensed Practical Nurses ..... 12

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST VINCENT MEMORIAL HOSPITAL

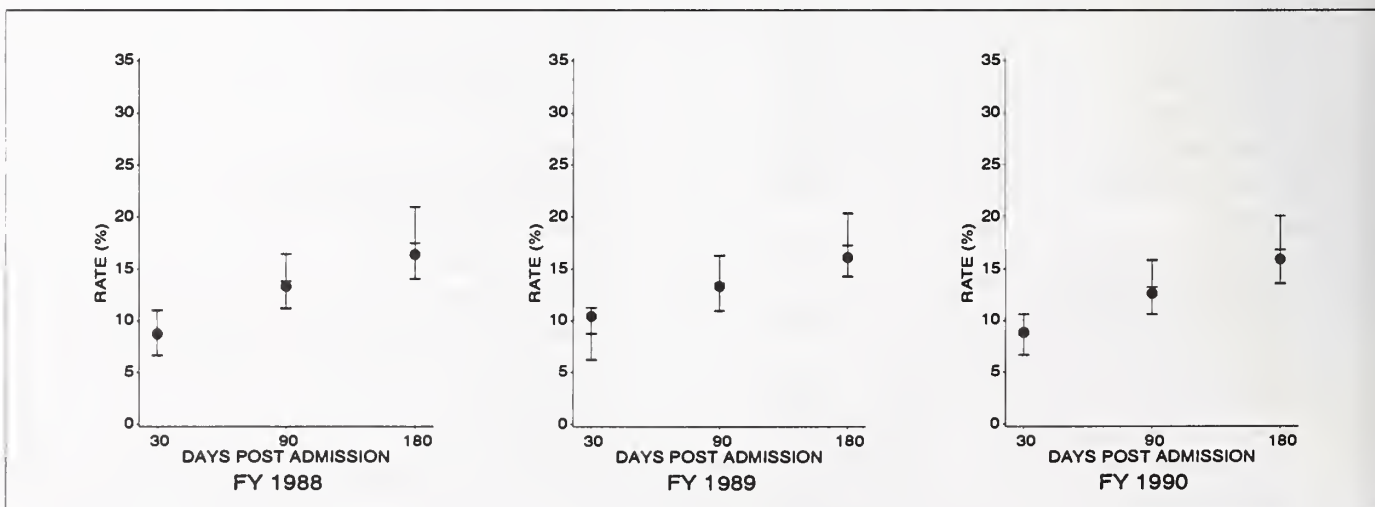
201 EAST PLEASANT ST  
TAYLORVILLE, IL 62568  
Medicare Provider Number: 140102

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 826                | 8.8                 | 8.6  | 1.0  | 12.6    | 13.2 | 1.3  | 15.9     | 16.8 | 1.6  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 10                 | 50.0                | 31.2 | ---- | 50.0    | 35.3 | ---- | 60.0     | 38.5 | ---- |
| Congestive Heart Failure.....              | 50                 | 6.0                 | 14.9 | ---- | 12.0    | 23.9 | ---- | 20.0     | 30.7 | ---- |
| Pneumonia/Influenza.....                   | 72                 | 15.3                | 15.4 | 4.9  | 19.4    | 21.2 | 5.1  | 27.8     | 25.6 | 6.3  |
| Chronic Obstructive Pulmonary Disease..... | 21                 | 9.5                 | 5.9  | ---- | 14.3    | 11.6 | ---- | 14.3     | 16.7 | ---- |
| Transient Cerebral Ischemia.....           | 14                 | 7.1                 | 2.7  | ---- | 14.3    | 6.4  | ---- | 14.3     | 10.6 | ---- |
| Stroke.....                                | 44                 | 18.2                | 17.1 | ---- | 18.2    | 24.0 | ---- | 25.0     | 28.1 | ---- |
| Hip Fracture.....                          | 17                 | 5.9                 | 6.6  | ---- | 11.8    | 12.1 | ---- | 17.6     | 16.0 | ---- |
| Sepsis.....                                | 8                  | 37.5                | 32.8 | ---- | 62.5    | 39.9 | ---- | 62.5     | 45.1 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 9.9  | ---- | 0.0     | 19.5 | ---- | 20.0     | 26.2 | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 8                  | 0.0                 | 4.7  | ---- | 0.0     | 8.7  | ---- | 0.0      | 11.5 | ---- |
| Open Reduction of Hip Fracture.....        | 8                  | 12.5                | 7.4  | ---- | 12.5    | 14.0 | ---- | 25.0     | 18.9 | ---- |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.7  | ---- | 0.0     | 1.8  | ---- | 0.0      | 3.3  | ---- |
| Cholecystectomy.....                       | 13                 | 7.7                 | 1.2  | ---- | 7.7     | 2.3  | ---- | 7.7      | 3.3  | ---- |
| Hysterectomy.....                          | 7                  | 0.0                 | 0.7  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST VINCENT MEMORIAL HOSPITAL

Medicare Provider Number: 140102

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.0 years |
| Proportion female.....        | 63.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.7 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 2.9 %  |
| Admitted for emergency.....                    | 3.3 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.0 %  |
| Chronic cardiovascular disease..... | 43.1 % |
| Chronic liver disease.....          | 0.1 %  |
| Chronic renal disease.....          | 2.2 %  |
| Chronic pulmonary disease.....      | 16.3 % |
| Cerebrovascular degeneration.....   | 9.1 %  |
| Diabetes mellitus.....              | 4.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.7%  |
| State .....         | 9.9%   |
| Outside State ..... | 1.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.5 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 139    |
| Occupancy Rate .....       | 59.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 44.1 % |
| Case Mix Index (CMI) ..... | 1.0242 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 37     |
| Percent of Physicians Board<br>Certified Specialists ..... | 54.1 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses .....                                    | 66     |
| Licensed Practical Nurses .....                            | 26     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation .....      | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUBURBAN HOSPITAL & SANITARIUM COOK CTY

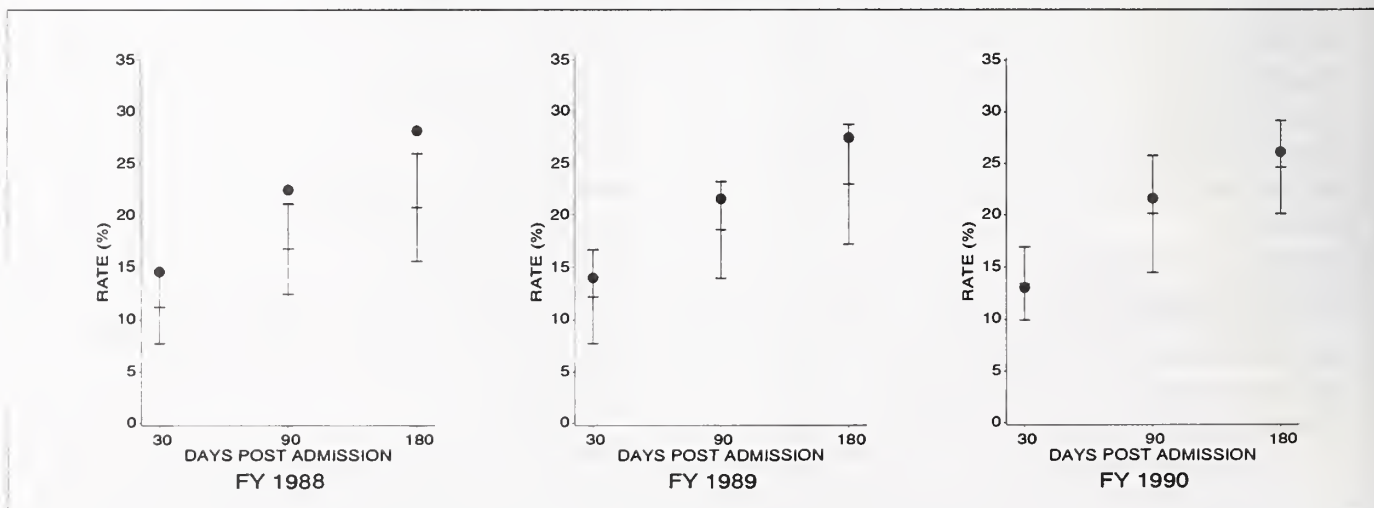
55TH ST & COUNTY LINE RD  
HINSDALE, IL 60521  
Medicare Provider Number: 140297

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 440             | 13.0                | 13.4 | 1.8  | 21.6    | 20.1 | 2.8  | 26.1     | 24.6 | 2.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 9               | 33.3                | 20.7 | ---- | 44.4    | 24.4 | ---- | 44.4     | 27.5 | ---- |
| Congestive Heart Failure.....              | 30              | 36.7                | 15.5 | ---- | 53.3    | 23.9 | ---- | 53.3     | 29.9 | ---- |
| Pneumonia/Influenza.....                   | 23              | 4.3                 | 23.0 | ---- | 17.4    | 31.0 | ---- | 30.4     | 36.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 10              | 0.0                 | 9.4  | ---- | 0.0     | 15.8 | ---- | 0.0      | 20.0 | ---- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.4  | ---- |
| Stroke.....                                | 11              | 36.4                | 23.4 | ---- | 36.4    | 33.0 | ---- | 36.4     | 37.6 | ---- |
| Hip Fracture.....                          | 14              | 14.3                | 7.6  | ---- | 28.6    | 13.7 | ---- | 28.6     | 18.0 | ---- |
| Sepsis.....                                | 19              | 47.4                | 28.7 | ---- | 47.4    | 36.9 | ---- | 52.6     | 41.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 5.2  | ---- | 33.3    | 12.2 | ---- | 66.7     | 19.4 | ---- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.3  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.1  | ---- |
| Hip Replacement/Reconstruction.....        | 12              | 16.7                | 4.1  | ---- | 25.0    | 7.1  | ---- | 25.0     | 9.7  | ---- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 6.8  | ---- | 0.0     | 12.6 | ---- | 0.0      | 16.1 | ---- |
| Prostatectomy.....                         | 18              | 0.0                 | 1.5  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.7  | ---- |
| Cholecystectomy.....                       | 6               | 0.0                 | 4.4  | ---- | 16.7    | 8.7  | ---- | 16.7     | 11.9 | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.4  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SUBURBAN HOSPITAL & SANITARIUM COOK CTY

Medicare Provider Number: 140297

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 79.0 years  
Proportion female..... 64.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 34.5 %  
Transferred from skilled nursing facility..... 10.7 %  
Admitted for elective procedure..... 2.0 %  
Admitted for emergency..... 98.0 %

### COMORBIDITIES:

Cancer..... 3.4 %  
Chronic cardiovascular disease..... 48.4 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.1 %  
Chronic pulmonary disease..... 23.2 %  
Cerebrovascular degeneration..... 6.1 %  
Diabetes mellitus..... 7.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 49.1%  
State ..... 45.4%  
Outside State ..... 5.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 10.7 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 122  
Occupancy Rate ..... 33.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 57.3 %  
Case Mix Index (CMI) ..... 1.4532

### STAFFING:

Total Number of Physicians..... 51  
Percent of Physicians Board  
Certified Specialists ..... 62.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 59  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SWEDISH AMERICAN HOSPITAL

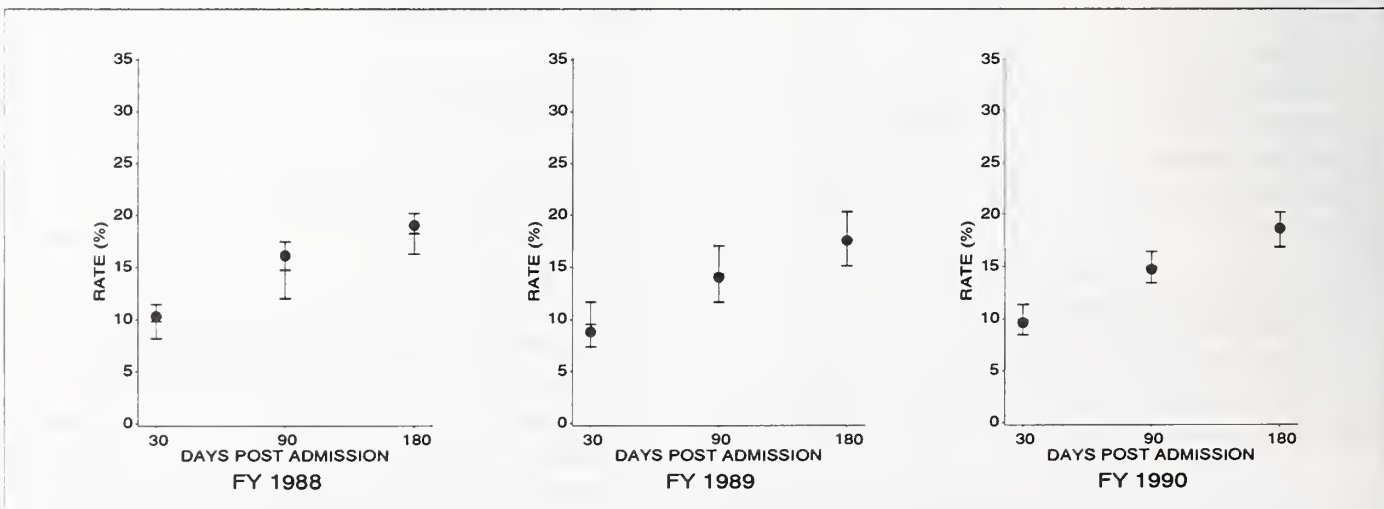
1400 CHARLES ST  
ROCKFORD, IL 61108  
Medicare Provider Number: 140228

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2555            | 9.6                 | 9.9  | 0.7  | 14.7    | 14.9 | 0.8  | 18.6     | 18.5 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 113             | 28.3                | 27.5 | 4.7  | 34.5    | 30.3 | 5.5  | 37.2     | 32.9 | 6.4  |
| Congestive Heart Failure.....              | 149             | 18.8                | 14.8 | 5.3  | 27.5    | 23.5 | 4.2  | 31.5     | 29.6 | 4.4  |
| Pneumonia/Influenza.....                   | 121             | 14.0                | 16.2 | 4.1  | 19.8    | 21.7 | 4.5  | 23.1     | 25.4 | 5.7  |
| Chronic Obstructive Pulmonary Disease..... | 18              | 0.0                 | 5.9  | ---- | 0.0     | 10.5 | ---- | 5.6      | 14.3 | ---- |
| Transient Cerebral Ischemia.....           | 37              | 0.0                 | 1.9  | ---- | 0.0     | 4.1  | ---- | 2.7      | 6.6  | ---- |
| Stroke.....                                | 85              | 17.6                | 22.8 | 7.3  | 24.7    | 29.2 | 7.8  | 30.6     | 32.8 | 6.4  |
| Hip Fracture.....                          | 81              | 6.2                 | 7.7  | 3.4  | 9.9     | 13.3 | 5.5  | 11.1     | 17.0 | 7.1  |
| Sepsis.....                                | 36              | 16.7                | 26.9 | ---- | 25.0    | 35.9 | ---- | 36.1     | 40.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 87              | 5.7                 | 3.9  | 2.6  | 9.2     | 4.8  | 3.5  | 11.5     | 5.8  | 3.8  |
| Coronary Artery Bypass Graft.....          | 40              | 7.5                 | 6.7  | ---- | 12.5    | 9.4  | ---- | 12.5     | 10.4 | ---- |
| Initial Pacemaker Insertion.....           | 22              | 0.0                 | 2.9  | ---- | 9.1     | 5.0  | ---- | 9.1      | 7.0  | ---- |
| Carotid Endarterectomy.....                | 24              | 0.0                 | 1.8  | ---- | 0.0     | 3.4  | ---- | 0.0      | 4.9  | ---- |
| Hip Replacement/Reconstruction.....        | 66              | 3.0                 | 3.4  | 2.3  | 6.1     | 6.3  | 3.7  | 7.6      | 8.4  | 4.1  |
| Open Reduction of Hip Fracture.....        | 37              | 8.1                 | 7.1  | ---- | 10.8    | 12.8 | ---- | 10.8     | 17.0 | ---- |
| Prostatectomy.....                         | 113             | 0.9                 | 1.0  | 1.0  | 4.4     | 2.5  | 2.6  | 6.2      | 4.2  | 3.1  |
| Cholecystectomy.....                       | 55              | 0.0                 | 2.9  | 3.5  | 5.5     | 5.4  | 4.5  | 7.3      | 7.0  | 4.3  |
| Hysterectomy.....                          | 43              | 0.0                 | 0.8  | ---- | 0.0     | 1.9  | ---- | 0.0      | 2.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SWEDISH AMERICAN HOSPITAL

Medicare Provider Number: 140228

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 53.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.1 % |
| Transferred from skilled nursing facility..... | 2.0 %  |
| Admitted for elective procedure.....           | 26.1 % |
| Admitted for emergency.....                    | 45.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 10.3 % |
| Chronic cardiovascular disease..... | 41.0 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.7 %  |
| Chronic pulmonary disease.....      | 15.7 % |
| Cerebrovascular degeneration.....   | 3.2 %  |
| Diabetes mellitus.....              | 8.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |         |
|---------------------|---------|
| County/City .....   | 76.1 %  |
| State .....         | 21.5 %  |
| Outside State ..... | 2.4 %   |
| Total .....         | 100.0 % |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 314                 |
| Occupancy Rate .....       | 66.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 36.1 %              |
| Case Mix Index (CMI) ..... | 1.5121              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 179    |
| Percent of Physicians Board<br>Certified Specialists..... | 85.5 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 326    |
| Licensed Practical Nurses .....                           | 42     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SWEDISH COVENANT HOSPITAL

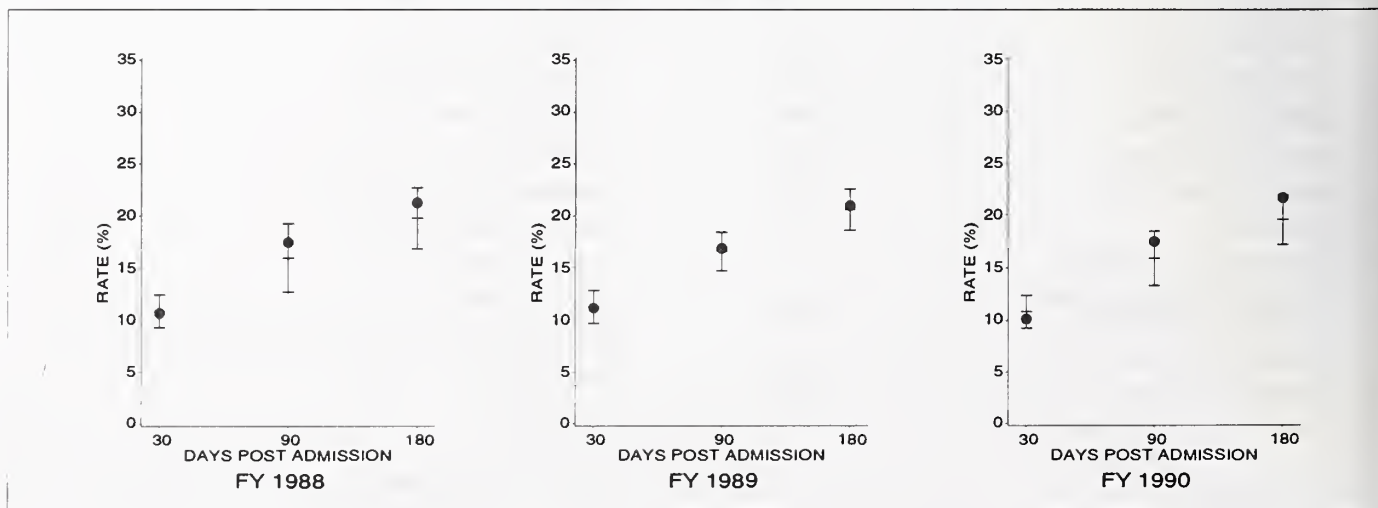
5145 N CALIFORNIA AVE  
CHICAGO, IL 60625  
Medicare Provider Number: 140114

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1949            | 10.1                | 10.8 | 0.8  | 17.5    | 15.9 | 1.3  | 21.7     | 19.6 | 1.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 69              | 23.2                | 32.1 | 6.8  | 30.4    | 34.8 | 6.5  | 36.2     | 37.7 | 7.3  |
| Congestive Heart Failure.....              | 117             | 14.5                | 14.8 | 4.0  | 29.1    | 23.2 | 5.8  | 35.0     | 29.5 | 5.2  |
| Pneumonia/Influenza.....                   | 121             | 22.3                | 19.5 | 5.4  | 31.4    | 26.0 | 7.5  | 34.7     | 30.2 | 7.0  |
| Chronic Obstructive Pulmonary Disease..... | 15              | 6.7                 | 12.7 | ---- | 13.3    | 20.6 | ---- | 13.3     | 26.3 | ---- |
| Transient Cerebral Ischemia.....           | 55              | 1.8                 | 1.9  | 3.6  | 5.5     | 4.3  | 4.1  | 9.1      | 6.9  | 5.5  |
| Stroke.....                                | 101             | 21.8                | 21.5 | 4.1  | 34.7    | 27.7 | 5.5  | 40.6     | 31.2 | 6.1  |
| Hip Fracture.....                          | 54              | 13.0                | 7.2  | 4.8  | 25.9    | 12.4 | 6.8  | 35.2     | 16.2 | 8.1  |
| Sepsis.....                                | 27              | 11.1                | 27.0 | ---- | 25.9    | 34.1 | ---- | 33.3     | 38.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 19              | 5.3                 | 3.3  | ---- | 5.3     | 6.2  | ---- | 15.8     | 8.8  | ---- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.6  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.3  | ---- |
| Hip Replacement/Reconstruction.....        | 33              | 12.1                | 4.8  | ---- | 15.2    | 8.7  | ---- | 27.3     | 11.8 | ---- |
| Open Reduction of Hip Fracture.....        | 25              | 12.0                | 6.7  | ---- | 36.0    | 12.2 | ---- | 40.0     | 16.1 | ---- |
| Prostatectomy.....                         | 74              | 1.4                 | 0.9  | 2.1  | 2.7     | 2.1  | 2.1  | 4.1      | 3.5  | 2.2  |
| Cholecystectomy.....                       | 29              | 0.0                 | 4.4  | ---- | 6.9     | 7.9  | ---- | 6.9      | 10.1 | ---- |
| Hysterectomy.....                          | 21              | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 0.0      | 3.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SWEDISH COVENANT HOSPITAL

Medicare Provider Number: 140114

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.6 years |
| Proportion female.....        | 61.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 32.7 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 19.4 % |
| Admitted for emergency.....                    | 63.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.6 %  |
| Chronic cardiovascular disease..... | 41.1 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 2.9 %  |
| Chronic pulmonary disease.....      | 13.3 % |
| Cerebrovascular degeneration.....   | 2.4 %  |
| Diabetes mellitus.....              | 8.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 97.2%  |
| State .....         | 1.4%   |
| Outside State ..... | 1.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.5 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 296    |
| Occupancy Rate .....       | 74.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 41.9 % |
| Case Mix Index (CMI) ..... | 1.2127 |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | 109             |
| Percent of Physicians Board<br>Certified Specialists ..... | 61.5 %          |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# THOMAS H BOYD MEMORIAL HOSPITAL

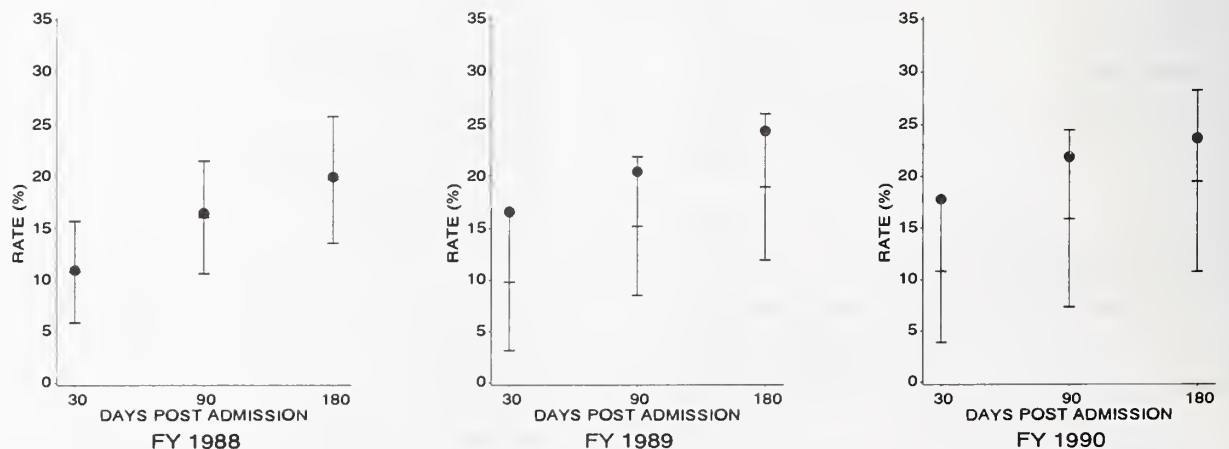
800 SCHOOL STREET  
CARROLLTON, IL 62016  
Medicare Provider Number: 140188

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 169             | 17.8                | 10.8 | 3.5  | 21.9    | 15.9 | 4.3  | 23.7     | 19.5 | 4.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 6               | 83.3                | 33.8 | ---- | 83.3    | 37.1 | ---- | 83.3     | 40.1 | ---- |
| Congestive Heart Failure.....              | 8               | 25.0                | 19.7 | ---- | 37.5    | 32.2 | ---- | 37.5     | 40.0 | ---- |
| Pneumonia/Influenza.....                   | 12              | 16.7                | 12.2 | ---- | 25.0    | 17.6 | ---- | 25.0     | 21.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 8.2  | ---- | 0.0     | 13.6 | ---- | 0.0      | 17.2 | ---- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.6  | ---- | 0.0     | 4.0  | ---- | 0.0      | 6.9  | ---- |
| Stroke.....                                | 14              | 50.0                | 19.6 | ---- | 71.4    | 26.2 | ---- | 71.4     | 29.7 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1               | 0.0                 | 14.2 | ---- | 0.0     | 22.3 | ---- | 0.0      | 26.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.5  | ---- | 0.0     | 2.8  | ---- | 0.0      | 3.8  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 6.2  | ---- | 0.0     | 14.3 | ---- | 0.0      | 22.9 | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# THOMAS H BOYD MEMORIAL HOSPITAL

Medicare Provider Number: 140188

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.6 years  
Proportion female..... 58.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 97.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 2.4 %  
Admitted for emergency..... 18.9 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 23.1 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 12.4 %  
Cerebrovascular degeneration..... 1.2 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 86.6%  
State ..... 12.6%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.6 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 73  
Occupancy Rate ..... 58.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 51.0 %  
Case Mix Index (CMI) ..... 0.9637

### STAFFING:

Total Number of Physicians..... 4  
Percent of Physicians Board  
Certified Specialists ..... 100.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# THOREK HOSPITAL AND MEDICAL CENTER

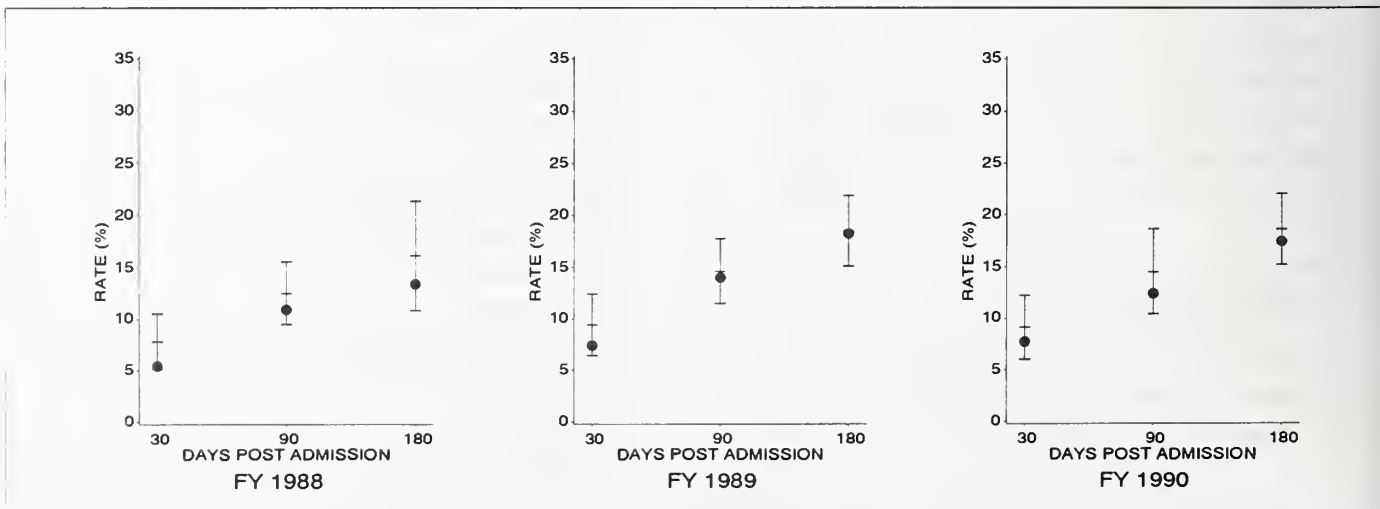
850 W IRVING PARK RD  
CHICAGO, IL 60613  
Medicare Provider Number: 140115

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 700             | 7.7                 | 9.1  | 1.6  | 12.4    | 14.5 | 2.1  | 17.4     | 18.6 | 1.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11              | 27.3                | 25.0 | ---- | 36.4    | 27.5 | ---- | 45.5     | 30.5 | ---- |
| Congestive Heart Failure.....              | 38              | 15.8                | 13.2 | ---- | 23.7    | 20.3 | ---- | 31.6     | 26.2 | ---- |
| Pneumonia/Influenza.....                   | 23              | 26.1                | 18.2 | ---- | 39.1    | 25.4 | ---- | 43.5     | 29.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 12              | 0.0                 | 10.1 | ---- | 0.0     | 17.6 | ---- | 8.3      | 22.9 | ---- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 1.1  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 17              | 17.6                | 18.5 | ---- | 23.5    | 24.5 | ---- | 29.4     | 27.9 | ---- |
| Hip Fracture.....                          | 4               | 0.0                 | 4.5  | ---- | 0.0     | 8.0  | ---- | 0.0      | 10.4 | ---- |
| Sepsis.....                                | 17              | 29.4                | 35.6 | ---- | 35.3    | 45.4 | ---- | 41.2     | 50.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 2.1  | ---- | 16.7    | 4.1  | ---- | 16.7     | 6.3  | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.7  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.8  | ---- |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 4.0  | ---- | 0.0     | 7.4  | ---- | 0.0      | 9.8  | ---- |
| Prostatectomy.....                         | 15              | 6.7                 | 1.2  | ---- | 6.7     | 3.1  | ---- | 6.7      | 5.4  | ---- |
| Cholecystectomy.....                       | 13              | 0.0                 | 6.1  | ---- | 7.7     | 10.2 | ---- | 15.4     | 12.4 | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# THOREK HOSPITAL AND MEDICAL CENTER

Medicare Provider Number: 140115

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 71.9 years |
| Proportion female.....        | 58.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 53.5 % |
| Transferred from skilled nursing facility..... | 2.7 %  |
| Admitted for elective procedure.....           | 1.0 %  |
| Admitted for emergency.....                    | 42.2 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.4 %  |
| Chronic cardiovascular disease..... | 38.9 % |
| Chronic liver disease.....          | 2.6 %  |
| Chronic renal disease.....          | 5.8 %  |
| Chronic pulmonary disease.....      | 12.4 % |
| Cerebrovascular degeneration.....   | 5.1 %  |
| Diabetes mellitus.....              | 12.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 97.0%  |
| State .....         | 1.7%   |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 170                 |
| Occupancy Rate .....       | 49.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 31.2 %              |
| Case Mix Index (CMI) ..... | 1.1646              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 125    |
| Percent of Physicians Board<br>Certified Specialists ..... | 56.0 % |
| Medical Residents/Interns .....                            | 5      |
| Registered Nurses.....                                     | 98     |
| Licensed Practical Nurses .....                            | 2      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# U M W OF A UNION HOSPITAL

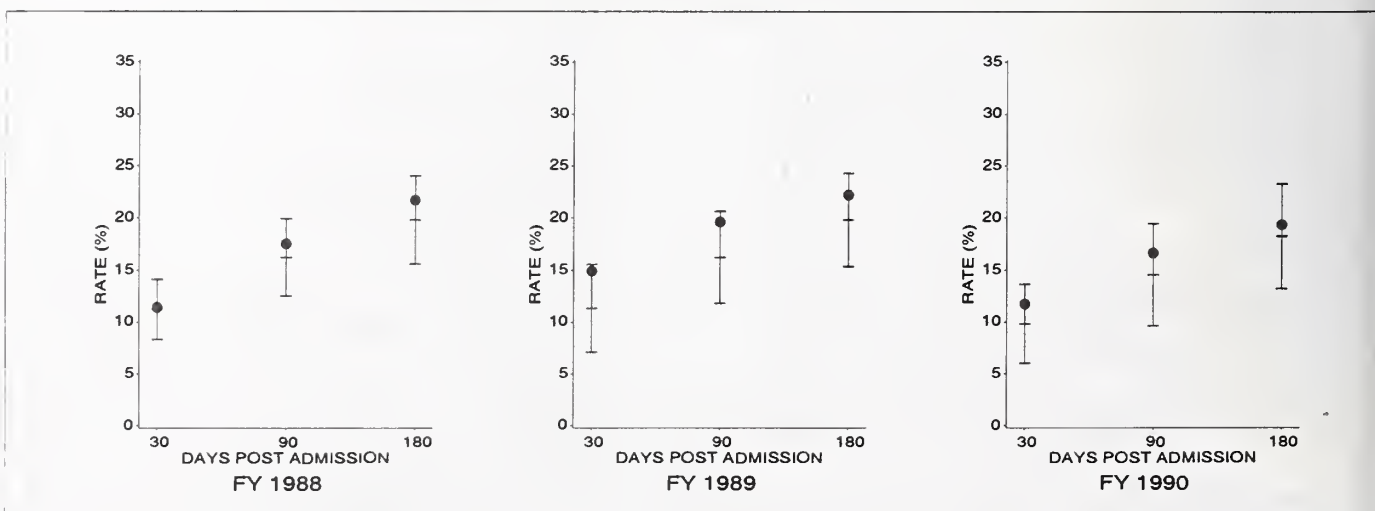
507 W ST LOUIS ST  
WEST FRANKFORT, IL 62896  
Medicare Provider Number: 140215

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 410             | 11.7                | 9.8  | 1.9  | 16.6    | 14.5 | 2.5  | 19.3     | 18.2 | 2.5  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 25              | 32.0                | 27.6 | ---- | 36.0    | 30.8 | ---- | 40.0     | 33.8 | ---- |
| Congestive Heart Failure.....              | 21              | 19.0                | 14.9 | ---- | 33.3    | 22.9 | ---- | 33.3     | 29.6 | ---- |
| Pneumonia/Influenza.....                   | 25              | 20.0                | 15.3 | ---- | 28.0    | 20.6 | ---- | 32.0     | 24.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 5.9  | ---- | 0.0     | 10.9 | ---- | 0.0      | 15.3 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.8  | ---- | 0.0     | 3.9  | ---- | 0.0      | 6.2  | ---- |
| Stroke.....                                | 11              | 18.2                | 17.5 | ---- | 27.3    | 22.8 | ---- | 45.5     | 26.4 | ---- |
| Hip Fracture.....                          | 13              | 7.7                 | 6.4  | ---- | 7.7     | 11.2 | ---- | 7.7      | 14.5 | ---- |
| Sepsis.....                                | 8               | 50.0                | 26.4 | ---- | 62.5    | 32.9 | ---- | 62.5     | 37.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 1.5  | ---- | 0.0     | 3.6  | ---- | 0.0      | 6.4  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 6               | 0.0                 | 5.4  | ---- | 0.0     | 10.5 | ---- | 0.0      | 14.2 | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 2.2  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.2  | ---- |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 4               | 25.0                | 6.0  | ---- | 25.0    | 11.4 | ---- | 25.0     | 15.1 | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# U M W OF A UNION HOSPITAL

Medicare Provider Number: 140215

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.4 years |
| Proportion female.....        | 66.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 21.2 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 79.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.7 %  |
| Chronic cardiovascular disease..... | 44.4 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.0 %  |
| Chronic pulmonary disease.....      | 22.2 % |
| Cerebrovascular degeneration.....   | 7.8 %  |
| Diabetes mellitus.....              | 12.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.7%  |
| State .....         | 9.2%   |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 42                  |
| Occupancy Rate .....       | 50.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 56.2 %              |
| Case Mix Index (CMI) ..... | 1.0814              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 7      |
| Percent of Physicians Board<br>Certified Specialists..... | 14.3 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 20     |
| Licensed Practical Nurses .....                           | 11     |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNION COUNTY HOSPITAL

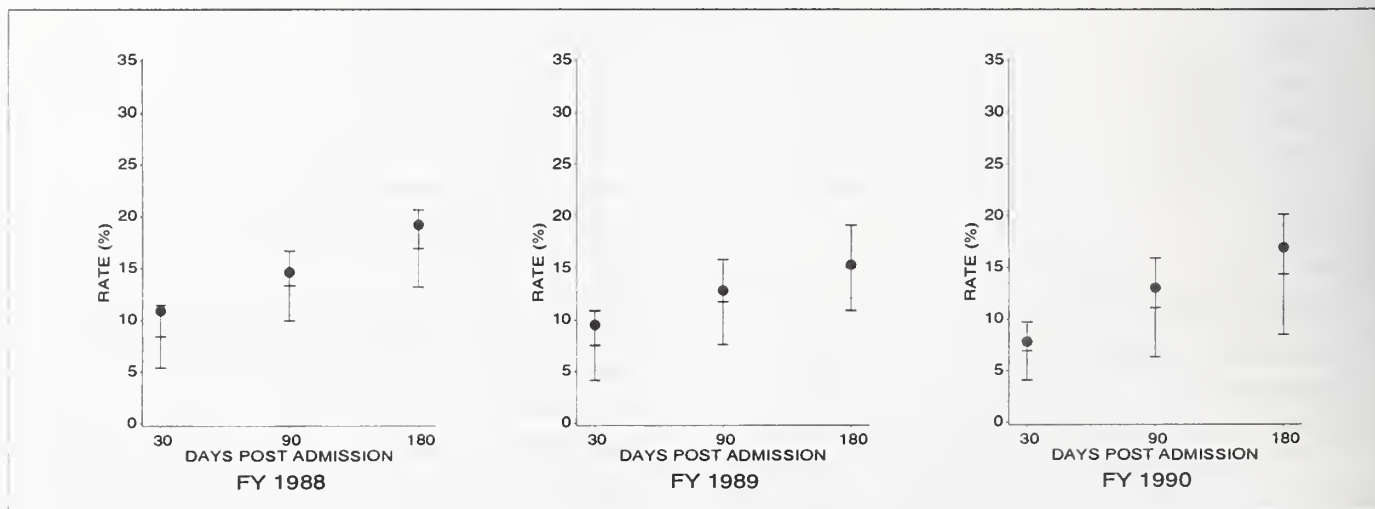
517 N MAIN STREET  
ANNA, IL 62906  
Medicare Provider Number: 140170

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 461             | 7.8                 | 6.9  | 1.4  | 13.0    | 11.1 | 2.4  | 16.9     | 14.3 | 2.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5               | 60.0                | 16.2 | ---- | 60.0    | 18.8 | ---- | 60.0     | 21.8 | ---- |
| Congestive Heart Failure.....              | 21              | 14.3                | 13.2 | ---- | 19.0    | 21.0 | ---- | 38.1     | 27.7 | ---- |
| Pneumonia/Influenza.....                   | 55              | 5.5                 | 11.2 | 4.9  | 14.5    | 15.6 | 5.4  | 18.2     | 18.5 | 5.2  |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 6.6  | ---- | 0.0     | 12.6 | ---- | 0.0      | 17.5 | ---- |
| Transient Cerebral Ischemia.....           | 11              | 9.1                 | 1.7  | ---- | 9.1     | 4.0  | ---- | 18.2     | 6.5  | ---- |
| Stroke.....                                | 18              | 33.3                | 16.4 | ---- | 44.4    | 23.2 | ---- | 44.4     | 27.2 | ---- |
| Hip Fracture.....                          | 8               | 12.5                | 6.0  | ---- | 12.5    | 10.8 | ---- | 12.5     | 14.0 | ---- |
| Sepsis.....                                | 3               | 0.0                 | 18.0 | ---- | 0.0     | 21.4 | ---- | 0.0      | 25.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 4.8  | ---- | 0.0     | 9.0  | ---- | 0.0      | 11.9 | ---- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 4.0  | ---- | 0.0     | 8.2  | ---- | 0.0      | 11.3 | ---- |
| Prostatectomy.....                         | 25              | 0.0                 | 1.7  | ---- | 4.0     | 3.8  | ---- | 4.0      | 6.3  | ---- |
| Cholecystectomy.....                       | 10              | 0.0                 | 0.9  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.0  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 2.0  | ---- | 0.0     | 4.2  | ---- | 0.0      | 5.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# UNION COUNTY HOSPITAL

Medicare Provider Number: 140170

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.2 years |
| Proportion female.....        | 61.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 98.9 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.7 %  |
| Admitted for emergency.....                    | 0.0 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.0 %  |
| Chronic cardiovascular disease..... | 28.4 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 1.5 %  |
| Chronic pulmonary disease.....      | 10.2 % |
| Cerebrovascular degeneration.....   | 7.2 %  |
| Diabetes mellitus.....              | 8.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 74.2%  |
| State .....         | 23.2%  |
| Outside State ..... | 2.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.7 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 100                |
| Occupancy Rate .....       | 76.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | (Not Available)    |
| Case Mix Index (CMI) ..... | 0.9460             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 13     |
| Percent of Physicians Board<br>Certified Specialists ..... | 69.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 36     |
| Licensed Practical Nurses .....                            | 6      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNITED MEDICAL CENTER WEST

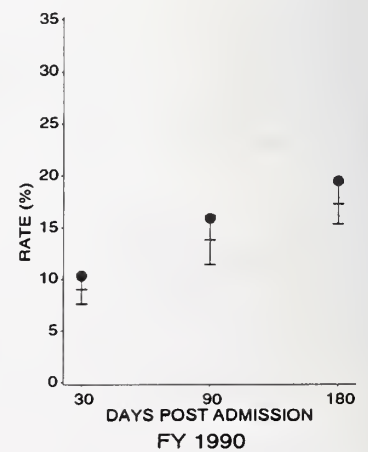
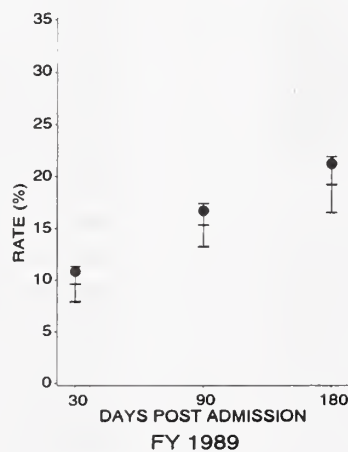
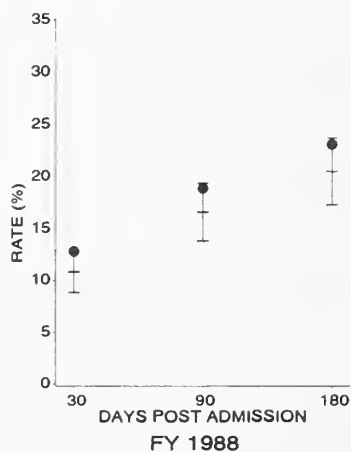
501 10TH AVE  
MOLINE, IL 61265  
Medicare Provider Number: 140123

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2564            | 10.3                | 9.0  | 0.7  | 15.9    | 13.8 | 1.2  | 19.5     | 17.3 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 70              | 28.6                | 29.7 | 6.4  | 32.9    | 32.3 | 6.6  | 35.7     | 35.0 | 5.9  |
| Congestive Heart Failure.....              | 129             | 19.4                | 14.6 | 5.1  | 27.9    | 23.1 | 6.4  | 34.9     | 29.6 | 5.7  |
| Pneumonia/Influenza.....                   | 125             | 24.8                | 17.4 | 4.9  | 32.8    | 24.1 | 5.3  | 39.2     | 28.3 | 6.0  |
| Chronic Obstructive Pulmonary Disease..... | 31              | 12.9                | 10.0 | ---- | 22.6    | 18.0 | ---- | 22.6     | 23.9 | ---- |
| Transient Cerebral Ischemia.....           | 68              | 1.5                 | 1.4  | 1.8  | 4.4     | 3.1  | 3.0  | 7.4      | 5.1  | 5.0  |
| Stroke.....                                | 89              | 21.3                | 21.3 | 6.1  | 28.1    | 26.5 | 8.7  | 32.6     | 29.9 | 9.6  |
| Hip Fracture.....                          | 68              | 5.9                 | 5.2  | 2.7  | 5.9     | 9.2  | 4.6  | 10.3     | 12.1 | 5.0  |
| Sepsis.....                                | 41              | 19.5                | 27.2 | ---- | 26.8    | 35.9 | ---- | 34.1     | 40.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 7               | 14.3                | 5.5  | ---- | 28.6    | 9.4  | ---- | 42.9     | 12.0 | ---- |
| Carotid Endarterectomy.....                | 15              | 6.7                 | 1.6  | ---- | 6.7     | 3.2  | ---- | 6.7      | 4.6  | ---- |
| Hip Replacement/Reconstruction.....        | 36              | 2.8                 | 2.6  | ---- | 2.8     | 4.6  | ---- | 5.6      | 6.0  | ---- |
| Open Reduction of Hip Fracture.....        | 34              | 8.8                 | 4.6  | ---- | 8.8     | 8.7  | ---- | 14.7     | 11.7 | ---- |
| Prostatectomy.....                         | 73              | 1.4                 | 0.8  | 1.2  | 1.4     | 1.8  | 1.7  | 2.7      | 3.1  | 2.0  |
| Cholecystectomy.....                       | 55              | 3.6                 | 2.1  | 2.3  | 3.6     | 3.8  | 2.6  | 3.6      | 5.1  | 3.2  |
| Hysterectomy.....                          | 33              | 0.0                 | 0.8  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UNITED MEDICAL CENTER WEST

Medicare Provider Number: 140123

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.7 years  
 Proportion female..... 55.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.6 %  
 Transferred from skilled nursing facility..... 0.2 %  
 Admitted for elective procedure..... 30.2 %  
 Admitted for emergency..... 49.3 %

### COMORBIDITIES:

Cancer..... 10.5 %  
 Chronic cardiovascular disease..... 31.2 %  
 Chronic liver disease..... 0.7 %  
 Chronic renal disease..... 2.1 %  
 Chronic pulmonary disease..... 12.0 %  
 Cerebrovascular degeneration..... 2.7 %  
 Diabetes mellitus..... 6.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.5%  
 State ..... 13.6%  
 Outside State ..... 3.9%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.7 Days  
 State ..... 8.4 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 354  
 Occupancy Rate ..... 50.0 %  
 Ownership/Control..... Private, Non-Profit  
 Medicare Discharges ..... 42.0 %  
 Case Mix Index (CMI) ..... 1.1420

### STAFFING:

Total Number of Physicians..... 148  
 Percent of Physicians Board  
 Certified Specialists ..... 65.5 %  
 Medical Residents/Interns ..... 0  
 Registered Nurses..... 352  
 Licensed Practical Nurses ..... 12

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Cardiac Intensive Care ..... No  
 Comprehensive Geriatric ..... Yes  
 Hospice Care ..... Yes  
 Medical/Surgical Intensive Care ..... Yes  
 Organ/Tissue Transplant ..... No  
 Other Intensive Care ..... No  
 Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
 Rehabilitation..... No  
 Psychiatric ..... Yes  
 Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNITED SAMARITANS MEDICAL CENTER-SAGER

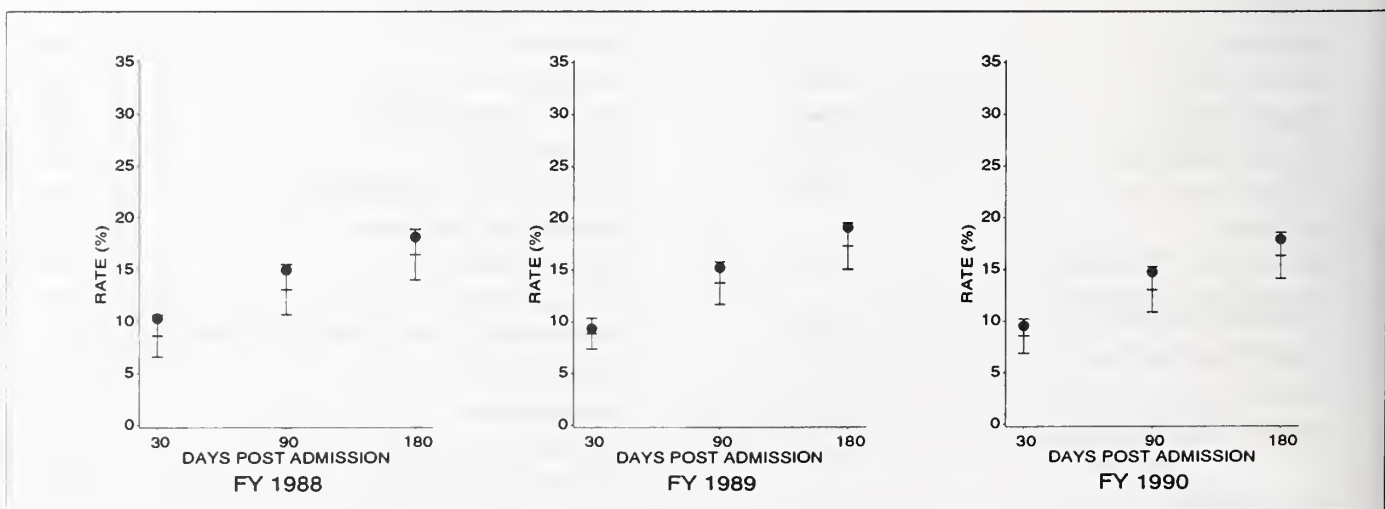
600 SAGER  
DANVILLE, IL 61832  
Medicare Provider Number: 140093

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2622            | 9.5                 | 8.5  | 0.8   | 14.7    | 13.0 | 1.1   | 17.9     | 16.3 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 79              | 29.1                | 24.0 | 5.2   | 30.4    | 26.9 | 5.4   | 38.0     | 29.8 | 6.2   |
| Congestive Heart Failure.....              | 157             | 14.6                | 13.3 | 3.3   | 22.3    | 20.8 | 4.0   | 29.3     | 27.0 | 5.1   |
| Pneumonia/Influenza.....                   | 170             | 18.8                | 14.7 | 3.8   | 28.2    | 20.0 | 4.9   | 31.8     | 23.7 | 5.2   |
| Chronic Obstructive Pulmonary Disease..... | 54              | 5.6                 | 6.5  | 4.2   | 7.4     | 11.8 | 6.8   | 9.3      | 16.1 | 8.2   |
| Transient Cerebral Ischemia.....           | 57              | 0.0                 | 1.4  | 2.3   | 5.3     | 3.3  | 2.7   | 8.8      | 5.6  | 3.9   |
| Stroke.....                                | 97              | 20.6                | 17.9 | 5.0   | 26.8    | 23.8 | 5.0   | 32.0     | 27.4 | 6.3   |
| Hip Fracture.....                          | 66              | 9.1                 | 6.5  | 3.8   | 12.1    | 11.5 | 5.2   | 19.7     | 14.9 | 6.7   |
| Sepsis.....                                | 27              | 22.2                | 23.4 | ----- | 40.7    | 32.5 | ----- | 48.1     | 37.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 29              | 3.4                 | 2.7  | ----- | 3.4     | 5.3  | ----- | 6.9      | 7.9  | ----- |
| Carotid Endarterectomy.....                | 13              | 0.0                 | 1.4  | ----- | 7.7     | 2.7  | ----- | 7.7      | 4.0  | ----- |
| Hip Replacement/Reconstruction.....        | 38              | 5.3                 | 3.5  | ----- | 7.9     | 6.5  | ----- | 13.2     | 8.9  | ----- |
| Open Reduction of Hip Fracture.....        | 21              | 14.3                | 5.3  | ----- | 14.3    | 9.5  | ----- | 19.0     | 12.5 | ----- |
| Prostatectomy.....                         | 75              | 2.7                 | 1.4  | 1.6   | 9.3     | 3.3  | 4.2   | 12.0     | 5.5  | 4.4   |
| Cholecystectomy.....                       | 55              | 7.3                 | 2.8  | 5.2   | 9.1     | 5.3  | 5.7   | 10.9     | 7.1  | 5.5   |
| Hysterectomy.....                          | 25              | 0.0                 | 0.9  | ----- | 4.0     | 2.0  | ----- | 8.0      | 3.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# UNITED SAMARITANS MEDICAL CENTER-SAGER

Medicare Provider Number: 140093

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.9 years  
Proportion female..... 61.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 5.3 %  
Admitted for emergency..... 1.8 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 35.3 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 17.1 %  
Cerebrovascular degeneration..... 4.0 %  
Diabetes mellitus..... 8.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.1%  
State ..... 5.1%  
Outside State ..... 11.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.5 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 343  
Occupancy Rate ..... 66.0 %  
Ownership/Control..... Church  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.2422

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNIVERSITY OF CHICAGO HOSPITALS

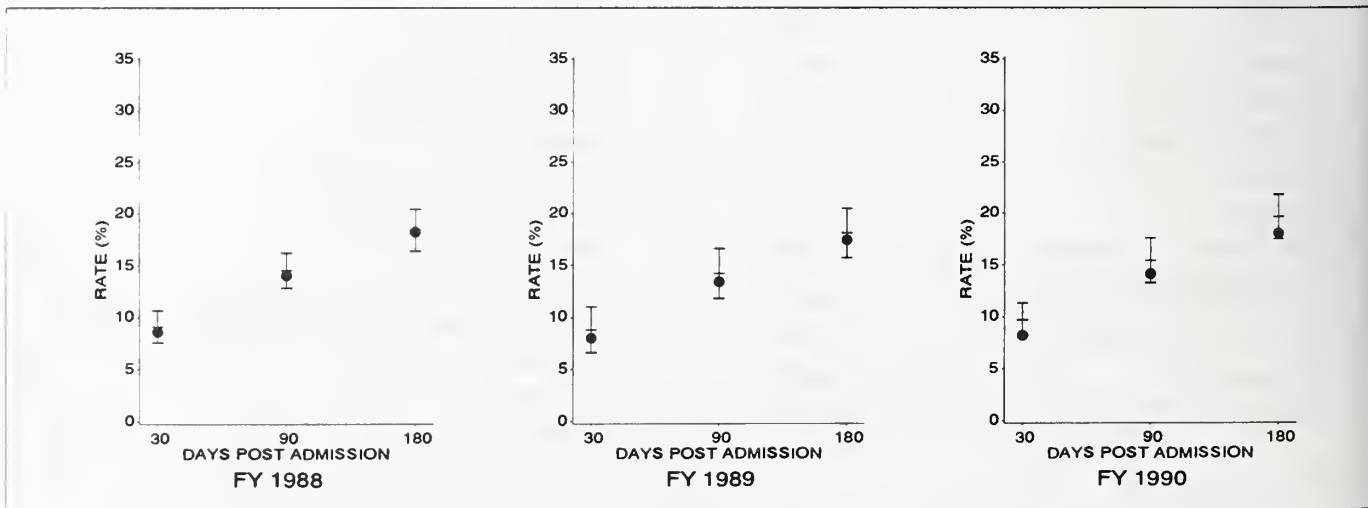
5841 SOUTH MARYLAND  
CHICAGO, IL 60637  
Medicare Provider Number: 140088

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2434            | 8.2                 | 9.7  | 0.8  | 14.1    | 15.4 | 1.1  | 18.0     | 19.6 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 41              | 24.4                | 24.3 | ---- | 31.7    | 27.8 | ---- | 31.7     | 30.7 | ---- |
| Congestive Heart Failure.....              | 103             | 12.6                | 14.2 | 4.2  | 19.4    | 23.0 | 6.0  | 26.2     | 29.4 | 7.9  |
| Pneumonia/Influenza.....                   | 66              | 16.7                | 15.2 | 6.5  | 31.8    | 21.2 | 8.3  | 33.3     | 25.2 | 9.5  |
| Chronic Obstructive Pulmonary Disease..... | 22              | 9.1                 | 10.8 | ---- | 13.6    | 18.6 | ---- | 13.6     | 24.0 | ---- |
| Transient Cerebral Ischemia.....           | 21              | 0.0                 | 1.4  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 85              | 12.9                | 18.3 | 8.5  | 24.7    | 24.1 | 5.8  | 27.1     | 27.7 | 5.5  |
| Hip Fracture.....                          | 18              | 11.1                | 6.9  | ---- | 11.1    | 12.0 | ---- | 11.1     | 15.5 | ---- |
| Sepsis.....                                | 18              | 44.4                | 30.2 | ---- | 55.6    | 40.8 | ---- | 66.7     | 46.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 26              | 11.5                | 5.2  | ---- | 19.2    | 7.1  | ---- | 19.2     | 8.9  | ---- |
| Coronary Artery Bypass Graft.....          | 59              | 1.7                 | 7.2  | 6.3  | 5.1     | 10.2 | 8.3  | 6.8      | 11.4 | 9.1  |
| Initial Pacemaker Insertion.....           | 12              | 0.0                 | 3.7  | ---- | 0.0     | 7.1  | ---- | 8.3      | 10.3 | ---- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.9  | ---- | 0.0     | 4.0  | ---- | 0.0      | 6.2  | ---- |
| Hip Replacement/Reconstruction.....        | 36              | 2.8                 | 2.6  | ---- | 5.6     | 5.0  | ---- | 5.6      | 7.0  | ---- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 6.1  | ---- | 11.1    | 10.8 | ---- | 11.1     | 14.1 | ---- |
| Prostatectomy.....                         | 45              | 0.0                 | 1.0  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.0  | ---- |
| Cholecystectomy.....                       | 24              | 4.2                 | 5.6  | ---- | 12.5    | 11.9 | ---- | 16.7     | 16.7 | ---- |
| Hysterectomy.....                          | 16              | 6.3                 | 1.3  | ---- | 6.3     | 3.0  | ---- | 6.3      | 4.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UNIVERSITY OF CHICAGO HOSPITALS

Medicare Provider Number: 140088

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 68.9 years  
Proportion female..... 52.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 19.5 %  
Admitted for emergency..... 52.3 %

### COMORBIDITIES:

Cancer..... 14.1 %  
Chronic cardiovascular disease..... 27.5 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 9.5 %  
Chronic pulmonary disease..... 8.2 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.7%  
State..... 7.0%  
Outside State..... 10.3%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 9.3 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 565  
Occupancy Rate..... 87.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 22.6 %  
Case Mix Index (CMI)..... 1.5091

### STAFFING:

Total Number of Physicians..... 576  
Percent of Physicians Board Certified Specialists..... 85.1 %  
Medical Residents/Interns..... 532  
Registered Nurses..... 909  
Licensed Practical Nurses..... 77

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNIVERSITY OF ILLINOIS HOSPITAL

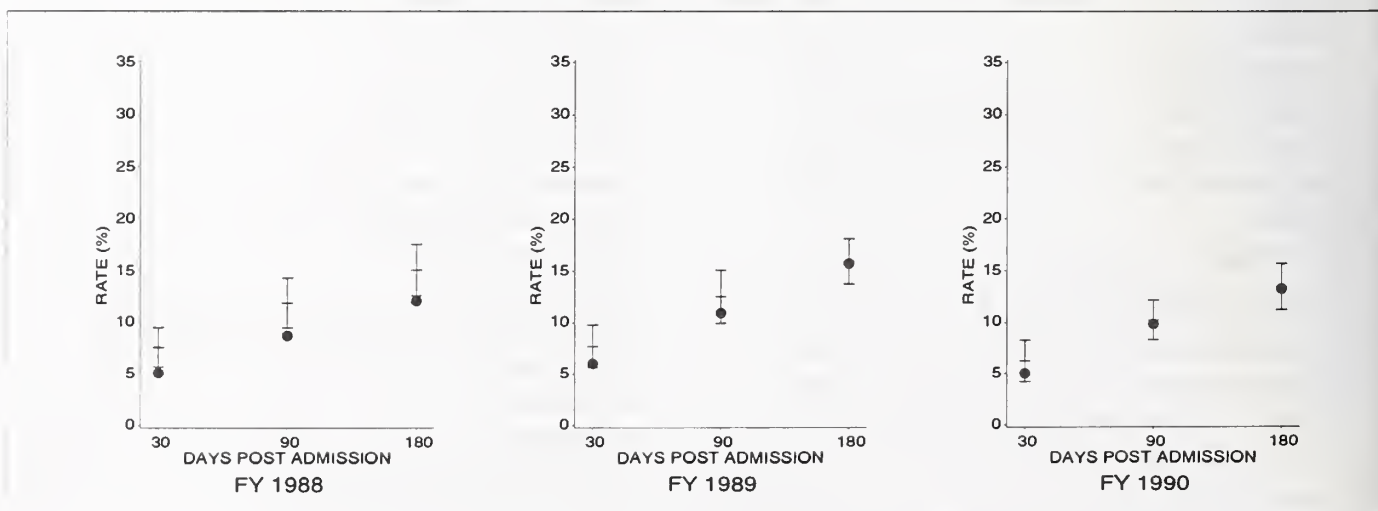
1740 WEST TAYLOR ST  
CHICAGO, IL 60612  
Medicare Provider Number: 140150

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1119            | 5.0                 | 6.2  | 1.0   | 9.8     | 10.2 | 1.0   | 13.2     | 13.4 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 12              | 33.3                | 24.3 | ----- | 41.7    | 27.2 | ----- | 41.7     | 29.7 | ----- |
| Congestive Heart Failure.....              | 55              | 5.5                 | 10.8 | 6.3   | 14.5    | 17.8 | 6.3   | 20.0     | 23.1 | 6.5   |
| Pneumonia/Influenza.....                   | 25              | 8.0                 | 13.1 | ----- | 20.0    | 17.9 | ----- | 20.0     | 21.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 0.0                 | 5.6  | ----- | 12.5    | 10.0 | ----- | 12.5     | 13.9 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.8  | ----- | 0.0     | 3.8  | ----- | 10.0     | 6.0  | ----- |
| Stroke.....                                | 17              | 5.9                 | 17.4 | ----- | 11.8    | 22.8 | ----- | 35.3     | 26.7 | ----- |
| Hip Fracture.....                          | 7               | 14.3                | 2.9  | ----- | 14.3    | 5.2  | ----- | 28.6     | 7.0  | ----- |
| Sepsis.....                                | 11              | 36.4                | 14.8 | ----- | 36.4    | 22.8 | ----- | 36.4     | 27.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 2               | 0.0                 | 7.1  | ----- | 0.0     | 8.2  | ----- | 0.0      | 9.9  | ----- |
| Coronary Artery Bypass Graft.....          | 14              | 42.9                | 5.6  | ----- | 42.9    | 8.1  | ----- | 42.9     | 9.2  | ----- |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 2.0  | ----- | 0.0     | 4.4  | ----- | 0.0      | 6.8  | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.3  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.8  | ----- |
| Hip Replacement/Reconstruction.....        | 7               | 28.6                | 1.7  | ----- | 28.6    | 3.0  | ----- | 28.6     | 4.0  | ----- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 1.6  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.6  | ----- |
| Prostatectomy.....                         | 22              | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 4.5      | 5.4  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 0.6  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.4  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# UNIVERSITY OF ILLINOIS HOSPITAL

Medicare Provider Number: 140150

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| <b>DEMOGRAPHICS:</b>                           |            | <b>COMORBIDITIES:</b>               |        |
| Average age at admission.....                  | 64.3 years | Cancer.....                         | 8.4 %  |
| Proportion female.....                         | 55.5 %     | Chronic cardiovascular disease..... | 23.1 % |
| <b>ADMISSION SOURCES/TYPES:</b>                |            | Chronic liver disease.....          | 0.8 %  |
| Referred by personal or HMO physician.....     | 0.6 %      | Chronic renal disease.....          | 8.4 %  |
| Transferred from skilled nursing facility..... | 0.3 %      | Chronic pulmonary disease.....      | 9.4 %  |
| Admitted for elective procedure.....           | 26.4 %     | Cerebrovascular degeneration.....   | 4.9 %  |
| Admitted for emergency.....                    | 41.9 %     | Diabetes mellitus.....              | 15.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

|                                              |        |                                         |          |
|----------------------------------------------|--------|-----------------------------------------|----------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        | <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| County/City .....                            | 90.0%  | Hospital .....                          | 9.6 Days |
| State .....                                  | 5.7%   | State .....                             | 8.4 Days |
| Outside State .....                          | 4.3%   | National .....                          | 8.6 Days |
| Total .....                                  | 100.0% |                                         |          |

## HOSPITAL CHARACTERISTICS\*

|                                                                    |                  |                                                 |     |
|--------------------------------------------------------------------|------------------|-------------------------------------------------|-----|
| <b>SOURCE:</b> AHA Annual Survey of Hospitals** - Survey Year 1990 |                  |                                                 |     |
| <b>PROFILE:</b>                                                    |                  | <b>SPECIALTY SERVICES:</b>                      |     |
| Total Beds .....                                                   | 363              | Burn Unit .....                                 | No  |
| Occupancy Rate .....                                               | 68.0 %           | Cardiac Intensive Care .....                    | Yes |
| Ownership/Control.....                                             | State Government | Comprehensive Geriatric .....                   | Yes |
| Medicare Discharges .....                                          | 14.8 %           | Hospice Care .....                              | No  |
| Case Mix Index (CMI) .....                                         | 1.3495           | Medical/Surgical Intensive Care .....           | Yes |
| <b>STAFFING:</b>                                                   |                  | Organ/Tissue Transplant .....                   | Yes |
| Total Number of Physicians.....                                    | (Not Available)  | Other Intensive Care .....                      | Yes |
| Percent of Physicians Board<br>Certified Specialists .....         | (Not Available)  | Trauma Center .....                             | No  |
| Medical Residents/Interns .....                                    | (Not Available)  | <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b> |     |
| Registered Nurses.....                                             | (Not Available)  | Alcohol/Drug .....                              | No  |
| Licensed Practical Nurses .....                                    | (Not Available)  | Rehabilitation.....                             | Yes |
|                                                                    |                  | Psychiatric.....                                | Yes |
|                                                                    |                  | Medicare Swing Beds .....                       | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# US AIR FORCE HOSPITAL

CHANUTE AIR FORCE BASE  
RANTOUL, IL 61866  
Medicare Provider Number: 14009F

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1                  | 0.0                 | 22.2 | ----- | 0.0     | 29.8 | ----- | 0.0      | 32.5 | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 0                  |                     |      |       |         |      |       |          |      |       |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# US AIR FORCE HOSPITAL

Medicare Provider Number: 14009F

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 65.0 years  
Proportion female..... 100.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 0.0%  
State..... 100.0%  
Outside State..... 0.0%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 0.0 Days  
State..... 8.4 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year Unknown

### PROFILE:

Total Beds..... 175  
Ownership/Control..... (Not Available)  
Case Mix Index (CMI)..... 0.0000

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 0  
Licensed Practical Nurses..... 0

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Coronary Care Unit..... Yes  
Hospice Care..... Yes  
Intensive Care Unit..... Yes  
Organ Transplant..... Yes  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... N/A

\*\* Except for CMI

\* Not used in calculating mortality rates

# VICTORY MEMORIAL HOSPITAL

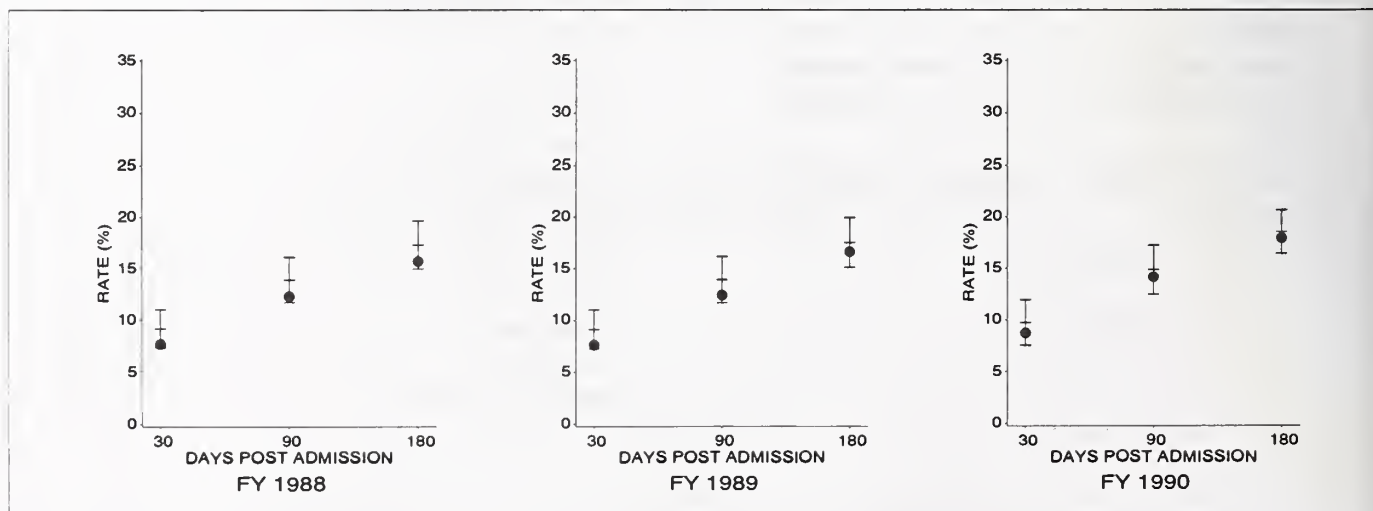
1324 NORTH SHERIDAN ROAD  
WAUKEGAN, IL 60085  
Medicare Provider Number: 140084

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2027               | 8.7                 | 9.7  | 1.1   | 14.1    | 14.8 | 1.2   | 17.9     | 18.5 | 1.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 43                 | 27.9                | 24.7 | ----- | 32.6    | 27.2 | ----- | 34.9     | 29.6 | ----- |
| Congestive Heart Failure.....              | 121                | 9.9                 | 16.3 | 5.4   | 17.4    | 25.6 | 6.8   | 24.8     | 32.2 | 7.2   |
| Pneumonia/Influenza.....                   | 120                | 15.8                | 16.2 | 3.4   | 20.8    | 22.1 | 4.8   | 24.2     | 26.1 | 4.8   |
| Chronic Obstructive Pulmonary Disease..... | 19                 | 5.3                 | 7.4  | ----- | 10.5    | 13.1 | ----- | 10.5     | 17.6 | ----- |
| Transient Cerebral Ischemia.....           | 43                 | 2.3                 | 2.1  | ----- | 2.3     | 4.8  | ----- | 4.7      | 7.9  | ----- |
| Stroke.....                                | 107                | 19.6                | 20.1 | 4.1   | 27.1    | 26.5 | 4.3   | 30.8     | 30.2 | 5.1   |
| Hip Fracture.....                          | 63                 | 4.8                 | 7.0  | 5.4   | 9.5     | 12.2 | 7.9   | 11.1     | 15.7 | 8.7   |
| Sepsis.....                                | 28                 | 17.9                | 26.4 | ----- | 28.6    | 35.9 | ----- | 39.3     | 41.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 13                 | 0.0                 | 4.0  | ----- | 0.0     | 7.5  | ----- | 7.7      | 10.3 | ----- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 1.4  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.8  | ----- |
| Hip Replacement/Reconstruction.....        | 39                 | 7.7                 | 4.2  | ----- | 12.8    | 7.5  | ----- | 15.4     | 9.8  | ----- |
| Open Reduction of Hip Fracture.....        | 18                 | 0.0                 | 7.0  | ----- | 0.0     | 12.3 | ----- | 0.0      | 15.7 | ----- |
| Prostatectomy.....                         | 44                 | 0.0                 | 0.7  | ----- | 0.0     | 1.5  | ----- | 2.3      | 2.6  | ----- |
| Cholecystectomy.....                       | 26                 | 0.0                 | 2.9  | ----- | 0.0     | 5.2  | ----- | 3.8      | 6.7  | ----- |
| Hysterectomy.....                          | 18                 | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# VICTORY MEMORIAL HOSPITAL

Medicare Provider Number: 140084

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.5 years |
| Proportion female.....        | 60.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 36.1 % |
| Transferred from skilled nursing facility..... | 0.7 %  |
| Admitted for elective procedure.....           | 8.9 %  |
| Admitted for emergency.....                    | 66.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.7 %  |
| Chronic cardiovascular disease..... | 44.4 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 4.9 %  |
| Chronic pulmonary disease.....      | 18.2 % |
| Cerebrovascular degeneration.....   | 4.7 %  |
| Diabetes mellitus.....              | 10.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 91.2%  |
| State .....         | 3.5%   |
| Outside State ..... | 5.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.0 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 297                 |
| Occupancy Rate .....       | 57.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 34.9 %              |
| Case Mix Index (CMI) ..... | 1.1963              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 131    |
| Percent of Physicians Board<br>Certified Specialists ..... | 74.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 224    |
| Licensed Practical Nurses .....                            | 25     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# WABASH GENERAL HOSPITAL DISTRICT

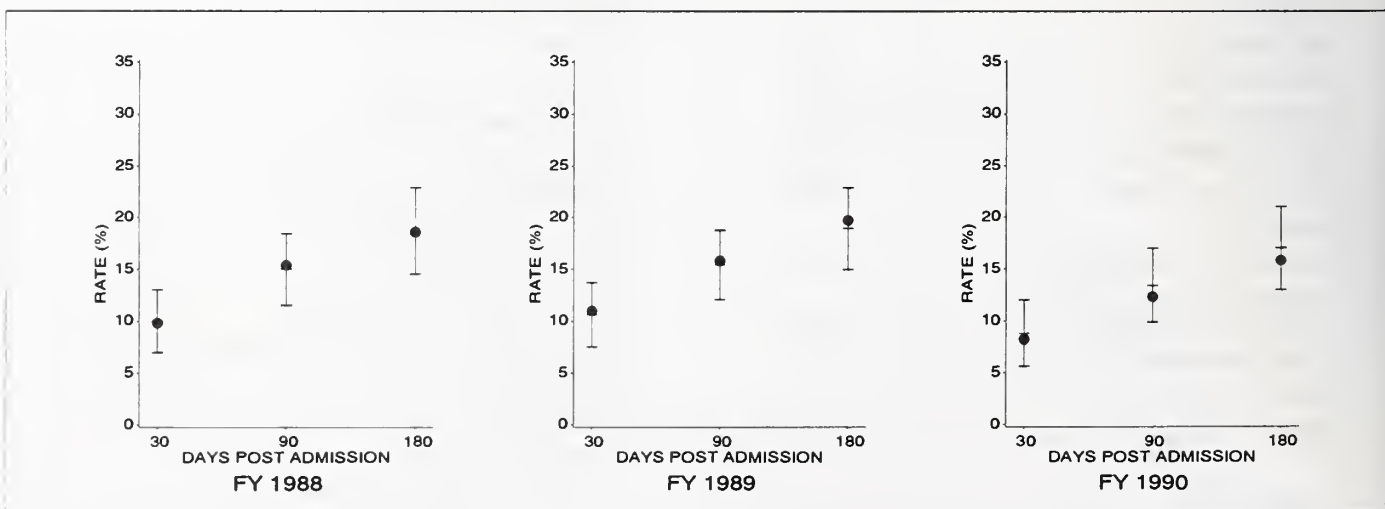
1418 COLLEGE DR  
MOUNT CARMEL, IL 62863  
Medicare Provider Number: 140129

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 486             | 8.2                 | 8.8  | 1.6  | 12.3    | 13.4 | 1.8  | 15.8     | 17.0 | 2.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13              | 7.7                 | 21.6 | ---- | 7.7     | 24.2 | ---- | 7.7      | 26.7 | ---- |
| Congestive Heart Failure.....              | 33              | 9.1                 | 15.3 | ---- | 9.1     | 24.2 | ---- | 12.1     | 30.8 | ---- |
| Pneumonia/Influenza.....                   | 38              | 13.2                | 18.0 | ---- | 21.1    | 24.5 | ---- | 28.9     | 29.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 19              | 5.3                 | 5.8  | ---- | 5.3     | 11.2 | ---- | 15.8     | 15.7 | ---- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 2.2  | ---- | 0.0     | 4.7  | ---- | 9.1      | 7.4  | ---- |
| Stroke.....                                | 12              | 25.0                | 20.8 | ---- | 25.0    | 27.4 | ---- | 25.0     | 31.5 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 2.8  | ---- | 0.0     | 4.6  | ---- | 0.0      | 6.6  | ---- |
| Sepsis.....                                | 4               | 0.0                 | 13.0 | ---- | 0.0     | 16.9 | ---- | 0.0      | 20.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 2.6  | ---- | 0.0     | 4.4  | ---- | 0.0      | 6.3  | ---- |
| Prostatectomy.....                         | 13              | 0.0                 | 0.9  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.5  | ---- |
| Cholecystectomy.....                       | 14              | 0.0                 | 1.5  | ---- | 0.0     | 2.8  | ---- | 0.0      | 3.7  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.0  | ---- | 0.0     | 0.1  | ---- | 0.0      | 0.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WABASH GENERAL HOSPITAL DISTRICT

Medicare Provider Number: 140129

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.9 years  
Proportion female..... 56.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.2 %  
Transferred from skilled nursing facility..... 2.9 %  
Admitted for elective procedure..... 2.7 %  
Admitted for emergency..... 59.5 %

### COMORBIDITIES:

Cancer..... 2.7 %  
Chronic cardiovascular disease..... 38.1 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 0.6 %  
Chronic pulmonary disease..... 17.1 %  
Cerebrovascular degeneration..... 9.3 %  
Diabetes mellitus..... 9.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 75.5%  
State ..... 21.9%  
Outside State ..... 2.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.1 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 56  
Occupancy Rate ..... 40.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 52.2 %  
Case Mix Index (CMI) ..... 1.0200

### STAFFING:

Total Number of Physicians..... 12  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses..... 36  
Licensed Practical Nurses ..... 4

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# WASHINGTON COUNTY HOSPITAL

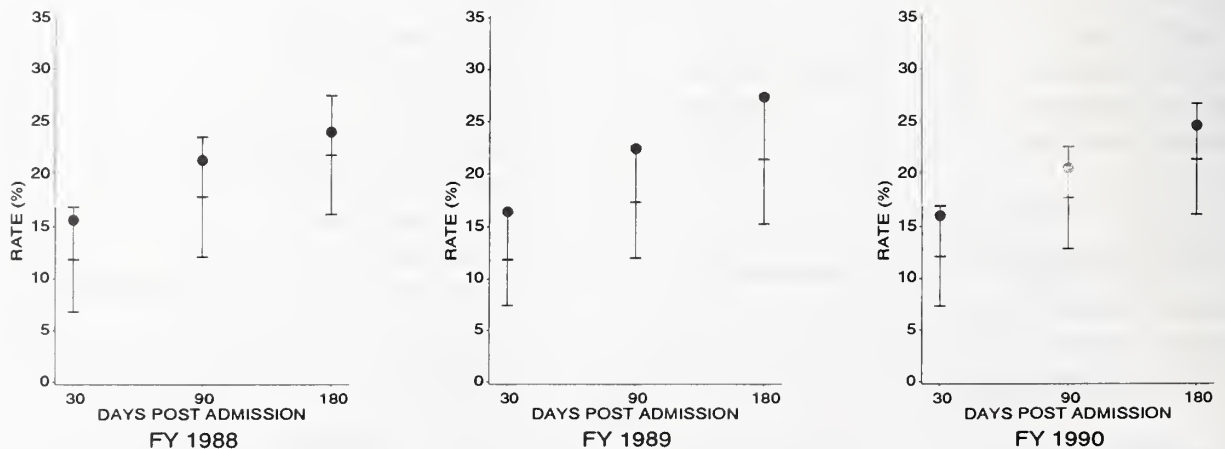
603 S GRAND  
NASHVILLE, IL 62263  
Medicare Provider Number: 140069

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 293             | 16.0                | 12.1 | 2.4  | 20.5    | 17.7 | 2.4  | 24.6     | 21.4 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 8               | 62.5                | 27.2 | ---- | 62.5    | 30.2 | ---- | 62.5     | 33.2 | ---- |
| Congestive Heart Failure.....              | 30              | 33.3                | 17.3 | ---- | 36.7    | 26.3 | ---- | 50.0     | 32.6 | ---- |
| Pneumonia/Influenza.....                   | 33              | 18.2                | 19.6 | ---- | 24.2    | 26.7 | ---- | 24.2     | 30.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 2.9  | ---- | 0.0     | 6.0  | ---- | 0.0      | 9.6  | ---- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.6  | ---- | 0.0     | 3.6  | ---- | 0.0      | 5.8  | ---- |
| Stroke.....                                | 16              | 0.0                 | 19.2 | ---- | 18.8    | 24.7 | ---- | 25.0     | 27.8 | ---- |
| Hip Fracture.....                          | 10              | 20.0                | 5.4  | ---- | 20.0    | 9.2  | ---- | 20.0     | 11.9 | ---- |
| Sepsis.....                                | 1               | 0.0                 | 15.3 | ---- | 0.0     | 21.6 | ---- | 0.0      | 26.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5               | 0.0                 | 4.0  | ---- | 0.0     | 7.3  | ---- | 0.0      | 9.3  | ---- |
| Open Reduction of Hip Fracture.....        | 5               | 40.0                | 5.6  | ---- | 40.0    | 9.5  | ---- | 40.0     | 12.9 | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 1.0  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.4  | ---- |
| Cholecystectomy.....                       | 1               | 0.0                 | 1.1  | ---- | 0.0     | 1.9  | ---- | 0.0      | 2.5  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 140069

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.1 years  
Proportion female..... 57.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 28.3 %  
Transferred from skilled nursing facility..... 9.9 %  
Admitted for elective procedure..... 0.7 %  
Admitted for emergency..... 2.7 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 39.2 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 15.7 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 5.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 79.7%  
State ..... 17.2%  
Outside State ..... 3.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.3 Days  
State ..... 8.4 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 68  
Occupancy Rate ..... 17.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 47.5 %  
Case Mix Index (CMI) ..... 1.1043

### STAFFING:

Total Number of Physicians..... 5  
Percent of Physicians Board  
Certified Specialists ..... 100.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# WEST SUBURBAN HOSPITAL MEDICAL CENTER

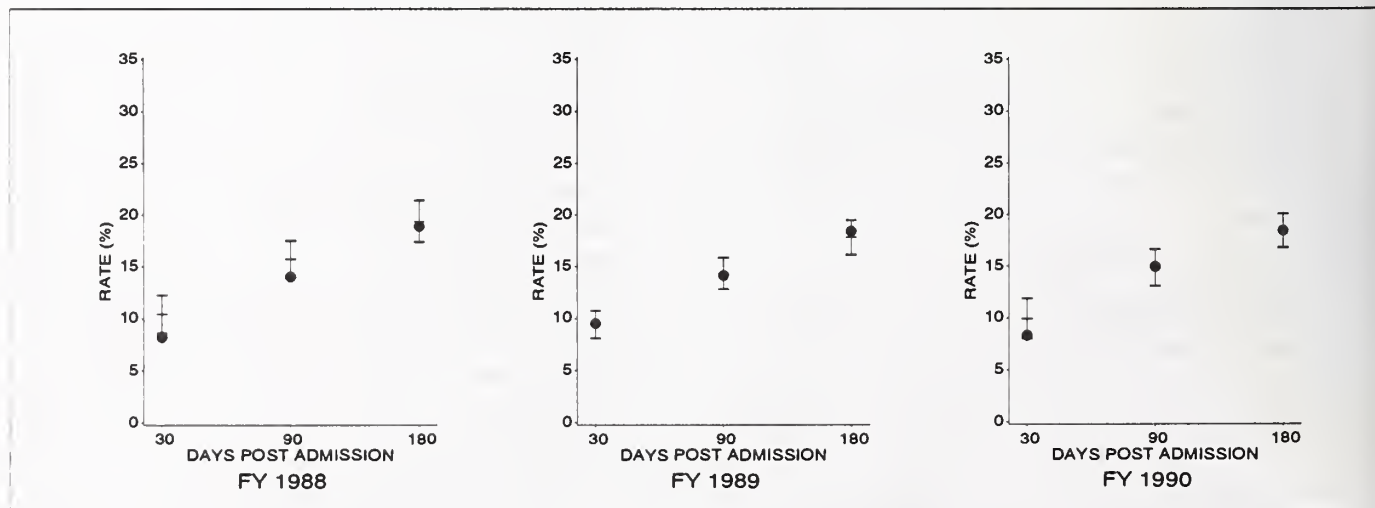
ERIE AT AUSTIN BOULEVARD  
OAK PARK, IL 60302  
Medicare Provider Number: 140049

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2197            | 8.3                 | 9.9  | 1.0   | 14.9    | 14.8 | 0.9   | 18.4     | 18.4 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 58              | 31.0                | 28.4 | 7.2   | 36.2    | 31.6 | 7.3   | 37.9     | 34.5 | 7.0   |
| Congestive Heart Failure.....              | 138             | 9.4                 | 13.7 | 4.9   | 21.0    | 21.6 | 3.8   | 29.0     | 28.0 | 3.9   |
| Pneumonia/Influenza.....                   | 99              | 10.1                | 17.5 | 6.1   | 18.2    | 23.5 | 5.8   | 20.2     | 27.5 | 6.2   |
| Chronic Obstructive Pulmonary Disease..... | 28              | 3.6                 | 9.6  | ----- | 10.7    | 15.3 | ----- | 10.7     | 19.6 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.7  | ----- | 0.0     | 3.8  | ----- | 0.0      | 6.0  | ----- |
| Stroke.....                                | 106             | 17.9                | 18.8 | 3.9   | 26.4    | 26.1 | 4.3   | 29.2     | 30.1 | 4.5   |
| Hip Fracture.....                          | 58              | 5.2                 | 6.2  | 3.3   | 10.3    | 10.8 | 4.1   | 13.8     | 14.2 | 5.4   |
| Sepsis.....                                | 49              | 40.8                | 26.1 | ----- | 53.1    | 34.1 | ----- | 57.1     | 38.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 28              | 3.6                 | 4.4  | ----- | 7.1     | 8.7  | ----- | 7.1      | 12.5 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.6  | ----- | 0.0     | 3.0  | ----- | 0.0      | 4.6  | ----- |
| Hip Replacement/Reconstruction.....        | 67              | 1.5                 | 3.3  | 3.7   | 9.0     | 6.2  | 4.3   | 11.9     | 8.5  | 5.7   |
| Open Reduction of Hip Fracture.....        | 27              | 3.7                 | 5.4  | ----- | 3.7     | 9.5  | ----- | 3.7      | 12.6 | ----- |
| Prostatectomy.....                         | 84              | 3.6                 | 1.3  | 1.6   | 7.1     | 3.0  | 2.6   | 9.5      | 5.0  | 3.2   |
| Cholecystectomy.....                       | 39              | 7.7                 | 4.9  | ----- | 10.3    | 8.4  | ----- | 10.3     | 10.3 | ----- |
| Hysterectomy.....                          | 11              | 9.1                 | 1.7  | ----- | 9.1     | 4.1  | ----- | 9.1      | 6.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WEST SUBURBAN HOSPITAL MEDICAL CENTER

Medicare Provider Number: 140049

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years

Proportion female..... 60.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 46.2 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 16.8 %

Admitted for emergency..... 82.5 %

### COMORBIDITIES:

Cancer..... 7.4 %

Chronic cardiovascular disease..... 43.3 %

Chronic liver disease..... 1.0 %

Chronic renal disease..... 6.4 %

Chronic pulmonary disease..... 12.7 %

Cerebrovascular degeneration..... 3.3 %

Diabetes mellitus..... 6.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 93.1%

State..... 4.1%

Outside State..... 2.8%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.5 Days

State..... 8.4 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 370

Occupancy Rate..... 45.0 %

Ownership/Control..... Private, Non-Profit

Medicare Discharges..... 30.7 %

Case Mix Index (CMI)..... 1.3780

### STAFFING:

Total Number of Physicians..... 204

Percent of Physicians Board  
Certified Specialists..... 96.1 %

Medical Residents/Interns..... 43

Registered Nurses..... 256

Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No

Cardiac Intensive Care..... Yes

Comprehensive Geriatric..... Yes

Hospice Care..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# WESTLAKE COMMUNITY HOSPITAL

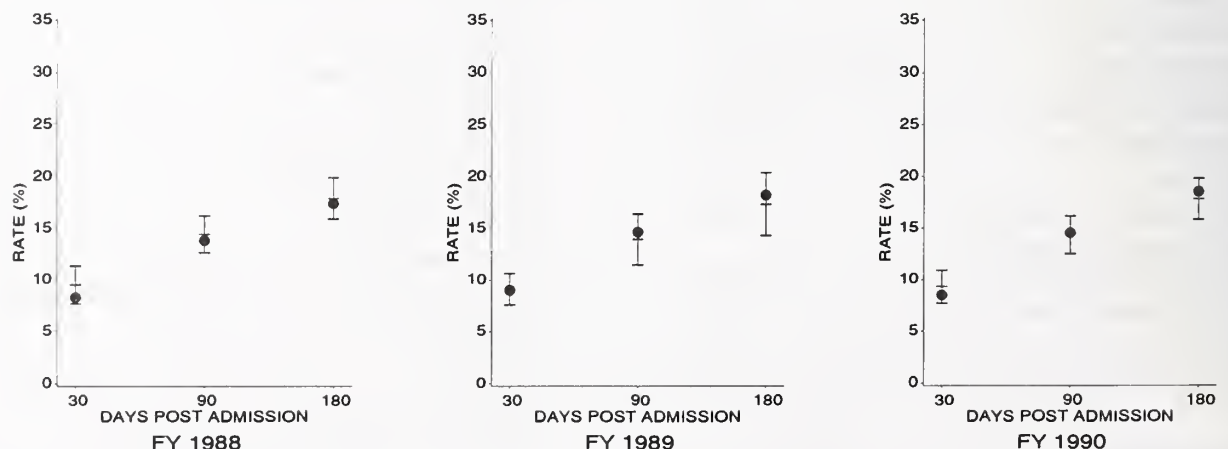
1225 SUPERIOR ST  
MELROSE PARK, IL 60160  
Medicare Provider Number: 140240

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1731               | 8.5                 | 9.3  | 0.8   | 14.5    | 14.3 | 0.9   | 18.5     | 17.8 | 1.0   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 39                 | 28.2                | 24.4 | ----- | 38.5    | 27.6 | ----- | 38.5     | 30.5 | ----- |
| Congestive Heart Failure.....              | 90                 | 14.4                | 14.1 | 4.7   | 26.7    | 22.0 | 7.8   | 33.3     | 27.8 | 8.7   |
| Pneumonia/Influenza.....                   | 61                 | 13.1                | 16.3 | 6.1   | 21.3    | 22.1 | 6.0   | 23.0     | 26.1 | 6.7   |
| Chronic Obstructive Pulmonary Disease..... | 27                 | 7.4                 | 6.9  | ----- | 7.4     | 12.2 | ----- | 25.9     | 16.3 | ----- |
| Transient Cerebral Ischemia.....           | 45                 | 0.0                 | 2.0  | ----- | 6.7     | 4.2  | ----- | 13.3     | 6.9  | ----- |
| Stroke.....                                | 84                 | 15.5                | 17.8 | 4.8   | 22.6    | 24.0 | 4.8   | 27.4     | 27.7 | 5.1   |
| Hip Fracture.....                          | 22                 | 9.1                 | 9.1  | ----- | 22.7    | 14.9 | ----- | 27.3     | 18.7 | ----- |
| Sepsis.....                                | 34                 | 23.5                | 24.0 | ----- | 32.4    | 33.6 | ----- | 35.3     | 39.0 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11                 | 0.0                 | 2.3  | ----- | 9.1     | 5.0  | ----- | 9.1      | 7.7  | ----- |
| Carotid Endarterectomy.....                | 2                  | 0.0                 | 1.1  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.9  | ----- |
| Hip Replacement/Reconstruction.....        | 27                 | 3.7                 | 2.4  | ----- | 7.4     | 4.5  | ----- | 7.4      | 6.1  | ----- |
| Open Reduction of Hip Fracture.....        | 12                 | 16.7                | 10.7 | ----- | 33.3    | 17.5 | ----- | 41.7     | 22.0 | ----- |
| Prostatectomy.....                         | 42                 | 0.0                 | 1.3  | ----- | 2.4     | 3.0  | ----- | 4.8      | 5.2  | ----- |
| Cholecystectomy.....                       | 31                 | 0.0                 | 2.7  | ----- | 3.2     | 5.1  | ----- | 3.2      | 6.8  | ----- |
| Hysterectomy.....                          | 8                  | 0.0                 | 0.2  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# WESTLAKE COMMUNITY HOSPITAL

Medicare Provider Number: 140240

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.0 years |
| Proportion female.....        | 61.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 45.9 % |
| Transferred from skilled nursing facility..... | 0.7 %  |
| Admitted for elective procedure.....           | 2.0 %  |
| Admitted for emergency.....                    | 1.4 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.0 %  |
| Chronic cardiovascular disease..... | 44.3 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 2.7 %  |
| Chronic pulmonary disease.....      | 10.6 % |
| Cerebrovascular degeneration.....   | 4.7 %  |
| Diabetes mellitus.....              | 7.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.5%  |
| State .....         | 8.9%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.9 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 275                 |
| Occupancy Rate .....       | 72.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 31.4 %              |
| Case Mix Index (CMI) ..... | 1.2739              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 364    |
| Percent of Physicians Board<br>Certified Specialists ..... | 52.7 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 235    |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# WOOD RIVER TOWNSHIP HOSPITAL

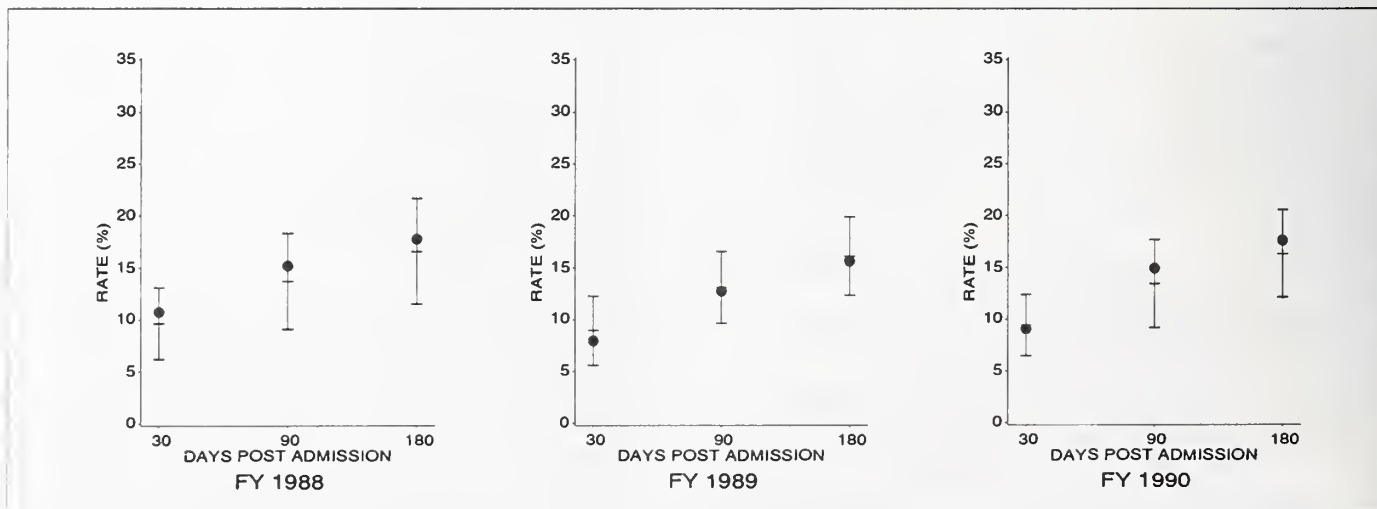
EDWARDSVILLE ROAD  
WOOD RIVER, IL 62095  
Medicare Provider Number: 140070

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 409                | 9.0                 | 9.4  | 1.5  | 14.9    | 13.4 | 2.1  | 17.6     | 16.3 | 2.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 29                 | 34.5                | 29.0 | ---- | 37.9    | 31.7 | ---- | 37.9     | 34.3 | ---- |
| Congestive Heart Failure.....              | 31                 | 12.9                | 11.6 | ---- | 22.6    | 18.6 | ---- | 22.6     | 24.2 | ---- |
| Pneumonia/Influenza.....                   | 15                 | 20.0                | 13.4 | ---- | 26.7    | 19.0 | ---- | 33.3     | 23.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 9.9  | ---- | 16.7    | 16.6 | ---- | 16.7     | 21.3 | ---- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.3  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 7                  | 28.6                | 18.1 | ---- | 57.1    | 22.9 | ---- | 57.1     | 25.7 | ---- |
| Hip Fracture.....                          | 6                  | 0.0                 | 7.3  | ---- | 0.0     | 12.6 | ---- | 0.0      | 16.3 | ---- |
| Sepsis.....                                | 3                  | 0.0                 | 17.0 | ---- | 0.0     | 20.8 | ---- | 0.0      | 23.8 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5                  | 0.0                 | 4.2  | ---- | 0.0     | 7.2  | ---- | 0.0      | 9.8  | ---- |
| Open Reduction of Hip Fracture.....        | 3                  | 0.0                 | 6.8  | ---- | 0.0     | 12.5 | ---- | 0.0      | 15.7 | ---- |
| Prostatectomy.....                         | 11                 | 0.0                 | 1.2  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.8  | ---- |
| Cholecystectomy.....                       | 12                 | 8.3                 | 1.9  | ---- | 8.3     | 3.5  | ---- | 8.3      | 4.5  | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WOOD RIVER TOWNSHIP HOSPITAL

Medicare Provider Number: 140070

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 69.1 years |
| Proportion female.....        | 52.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 56.5 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 59.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.2 %  |
| Chronic cardiovascular disease..... | 42.8 % |
| Chronic liver disease.....          | 2.4 %  |
| Chronic renal disease.....          | 2.7 %  |
| Chronic pulmonary disease.....      | 37.7 % |
| Cerebrovascular degeneration.....   | 9.0 %  |
| Diabetes mellitus.....              | 8.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 85.5%  |
| State .....         | 11.0%  |
| Outside State ..... | 3.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.2 Days |
| State .....    | 8.4 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 131                |
| Occupancy Rate .....       | 47.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 33.0 %             |
| Case Mix Index (CMI) ..... | 1.2550             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 40     |
| Percent of Physicians Board<br>Certified Specialists ..... | 77.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 78     |
| Licensed Practical Nurses .....                            | 7      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ILLINOIS

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |     |         |      |     |          |      |     |
|--------------------------------------------|--------------------|---------------------|------|-----|---------|------|-----|----------|------|-----|
|                                            |                    | 30 DAYS             |      |     | 90 DAYS |      |     | 180 DAYS |      |     |
|                                            |                    | OBS                 | PRED | SD* | OBS     | PRED | SD* | OBS      | PRED | SD* |
| ALL CAUSES.....                            | 286,587            | 9.1                 | 9.2  | 0.2 | 14.3    | 14.0 | 0.1 | 17.9     | 17.5 | 0.1 |
| CONDITIONS:                                |                    |                     |      |     |         |      |     |          |      |     |
| Acute Myocardial Infarction.....           | 8,345              | 27.0                | 26.9 | 0.7 | 31.8    | 30.0 | 1.0 | 34.8     | 32.8 | 1.1 |
| Congestive Heart Failure.....              | 16,137             | 13.9                | 14.3 | 0.4 | 22.4    | 22.5 | 0.4 | 29.0     | 28.7 | 0.5 |
| Pneumonia/Influenza.....                   | 14,231             | 15.9                | 16.0 | 0.5 | 22.3    | 21.8 | 0.6 | 26.6     | 25.7 | 0.8 |
| Chronic Obstructive Pulmonary Disease..... | 4,068              | 8.7                 | 8.1  | 0.6 | 14.2    | 14.1 | 0.6 | 18.7     | 18.7 | 0.6 |
| Transient Cerebral Ischemia.....           | 5,035              | 1.4                 | 1.8  | 0.3 | 3.5     | 4.1  | 0.4 | 5.9      | 6.6  | 0.6 |
| Stroke.....                                | 10,881             | 18.4                | 19.9 | 0.6 | 25.3    | 26.2 | 0.5 | 29.8     | 30.0 | 0.5 |
| Hip Fracture.....                          | 6,718              | 6.8                 | 6.7  | 0.3 | 12.4    | 11.8 | 0.5 | 16.1     | 15.3 | 0.6 |
| Sepsis.....                                | 3,971              | 25.9                | 25.8 | 1.1 | 36.8    | 34.0 | 1.2 | 42.4     | 38.9 | 1.4 |
| PROCEDURES:                                |                    |                     |      |     |         |      |     |          |      |     |
| Angioplasty.....                           | 2,064              | 3.6                 | 3.4  | 0.6 | 4.9     | 4.3  | 0.7 | 6.2      | 5.3  | 0.8 |
| Coronary Artery Bypass Graft.....          | 2,912              | 5.5                 | 6.0  | 0.7 | 8.6     | 8.5  | 0.7 | 9.9      | 9.5  | 0.6 |
| Initial Pacemaker Insertion.....           | 2,012              | 3.3                 | 3.6  | 0.5 | 7.1     | 6.8  | 0.7 | 10.7     | 9.6  | 1.1 |
| Carotid Endarterectomy.....                | 1,090              | 1.8                 | 1.5  | 0.5 | 2.8     | 2.8  | 0.5 | 3.8      | 4.1  | 0.7 |
| Hip Replacement/Reconstruction.....        | 4,832              | 3.0                 | 3.4  | 0.3 | 6.2     | 6.2  | 0.4 | 8.4      | 8.3  | 0.4 |
| Open Reduction of Hip Fracture.....        | 2,949              | 6.5                 | 6.1  | 0.5 | 11.3    | 11.0 | 0.7 | 14.6     | 14.6 | 0.9 |
| Prostatectomy.....                         | 8,007              | 1.0                 | 1.1  | 0.3 | 2.7     | 2.6  | 0.3 | 4.4      | 4.3  | 0.4 |
| Cholecystectomy.....                       | 4,816              | 3.0                 | 2.9  | 0.3 | 5.8     | 5.4  | 0.5 | 7.4      | 7.1  | 0.4 |
| Hysterectomy.....                          | 2,052              | 1.1                 | 0.8  | 0.8 | 2.1     | 1.8  | 1.2 | 2.8      | 2.8  | 1.3 |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.6 years |
| Proportion female.....        | 57.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 43.5 % |
| Transferred from skilled nursing facility..... | 1.5 %  |
| Admitted for elective procedure.....           | 16.1 % |
| Admitted for emergency.....                    | 47.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.7 %  |
| Chronic cardiovascular disease..... | 37.6 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 14.0 % |
| Cerebrovascular degeneration.....   | 4.2 %  |
| Diabetes mellitus.....              | 8.2 %  |



# ALL STATES

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 6,542,299          | 9.0                 | 9.0  | ----- | 13.9    | 13.7 | ----- | 17.3     | 17.1 | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 204,673            | 25.3                | 25.6 | ----- | 29.5    | 28.7 | ----- | 32.1     | 31.4 | ----- |
| Congestive Heart Failure.....              | 335,426            | 14.3                | 14.4 | ----- | 22.9    | 22.8 | ----- | 29.2     | 29.0 | ----- |
| Pneumonia/Influenza.....                   | 313,303            | 15.3                | 15.5 | ----- | 21.5    | 21.3 | ----- | 25.5     | 25.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 107,387            | 8.0                 | 8.0  | ----- | 14.1    | 14.0 | ----- | 18.7     | 18.5 | ----- |
| Transient Cerebral Ischemia.....           | 96,866             | 1.8                 | 1.8  | ----- | 4.0     | 4.0  | ----- | 6.4      | 6.5  | ----- |
| Stroke.....                                | 241,803            | 19.7                | 19.8 | ----- | 26.5    | 26.3 | ----- | 30.4     | 30.0 | ----- |
| Hip Fracture.....                          | 163,386            | 6.7                 | 6.5  | ----- | 11.7    | 11.5 | ----- | 15.1     | 15.0 | ----- |
| Sepsis.....                                | 80,999             | 25.6                | 25.7 | ----- | 34.6    | 33.8 | ----- | 39.8     | 38.6 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 58,026             | 3.0                 | 3.0  | ----- | 4.0     | 4.0  | ----- | 5.0      | 4.9  | ----- |
| Coronary Artery Bypass Graft.....          | 80,798             | 6.0                 | 5.7  | ----- | 8.3     | 8.1  | ----- | 9.5      | 9.2  | ----- |
| Initial Pacemaker Insertion.....           | 49,642             | 3.2                 | 3.3  | ----- | 6.5     | 6.3  | ----- | 9.1      | 9.1  | ----- |
| Carotid Endarterectomy.....                | 29,990             | 1.6                 | 1.5  | ----- | 2.8     | 2.8  | ----- | 4.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 122,156            | 3.4                 | 3.2  | ----- | 6.2     | 5.9  | ----- | 8.1      | 8.0  | ----- |
| Open Reduction of Hip Fracture.....        | 80,075             | 6.1                 | 6.0  | ----- | 11.2    | 11.0 | ----- | 14.5     | 14.5 | ----- |
| Prostatectomy.....                         | 211,087            | 0.9                 | 1.0  | ----- | 2.2     | 2.3  | ----- | 3.7      | 3.8  | ----- |
| Cholecystectomy.....                       | 124,259            | 2.9                 | 2.7  | ----- | 5.0     | 4.9  | ----- | 6.5      | 6.5  | ----- |
| Hysterectomy.....                          | 53,905             | 0.7                 | 0.7  | ----- | 1.4     | 1.5  | ----- | 2.2      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

|                                                |            |                                     |        |
|------------------------------------------------|------------|-------------------------------------|--------|
| DEMOGRAPHICS:                                  |            | COMORBIDITIES:                      |        |
| Average age at admission.....                  | 74.1 years | Cancer.....                         | 7.6 %  |
| Proportion female.....                         | 55.9 %     | Chronic cardiovascular disease..... | 36.6 % |
| ADMISSION SOURCES/TYPES:                       |            | Chronic liver disease.....          | 1.0 %  |
| Referred by personal or HMO physician.....     | 46.1 %     | Chronic renal disease.....          | 3.4 %  |
| Transferred from skilled nursing facility..... | 1.1 %      | Chronic pulmonary disease.....      | 15.0 % |
| Admitted for elective procedure.....           | 22.0 %     | Cerebrovascular degeneration.....   | 3.9 %  |
| Admitted for emergency.....                    | 46.5 %     | Diabetes mellitus.....              | 8.0 %  |



# **Hospital Comments**



## Belmont Community Hospital

4058 West Melrose Chicago, IL 60641 (312) 736-7000

March 19, 1992

Medicare # 140098

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medical Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12 Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

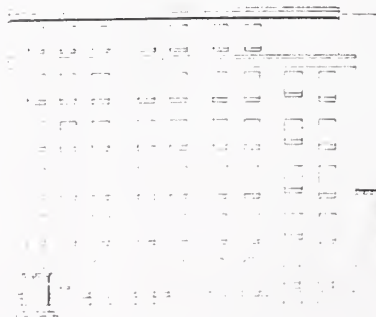
Dear Mr. Moore:

Belmont Community Hospital is committed to providing quality care to all of our patients. Please note that all mortalities that occur in the hospital are reviewed by our Quality Assurance department in conjunction with our Medical Staff. If the review reveals any deficiency in terms of quality of care, these records are further reviewed and when appropriate, used to direct quality improvement efforts.

As our hospital reviewed this information it was important to keep in mind that the HCFA mortality model is based on national averages and does not adequately take into account situations that exceed those averages. For example, the national average of all Medicare patients over the age of 85 is 13.7%. The Medicare patient population over the age of 85 at Belmont Community Hospital is 16.6%.

Because the average at Belmont Community Hospital is significantly higher than the national average this indicates that the Belmont patient population is different than the HCFA model was designed to account for. This results in an artificial lowering of the predicted mortality rate and consequently causes a bias against those facilities that vary from the national average.

Severity of illness or other specific variables such as socioeconomic status or patient origin can also contribute to variances. It is also important to note that in 75% of the HCFA condition categories, the sample size is too small to be statistically significant. HCFA states that "The precision and interpretability of our estimates are questionable when the standard deviation could not be calculated".



*Neighbors caring for neighbors.*



HCFA - Mr. Moore  
March 19, 1992  
Page 2

Medicare # 140098

Regarding our 1990 mortality rates, we have analyzed each medical record and have found the following information:

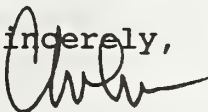
Of the mortalities for all causes, 54% died while in the hospital. Of those that died in the hospital:

- o 86% were admitted through our Emergency Room which indicates some sort of acute distress.
- o 60% were made DNR (do not resuscitate) after admission which means that, honoring the wishes of the patient and/or family, no heroic life saving measures would be taken. With these cases death is an expected outcome.
- o 71% were over the age of 75.
- o 31% had some sort of comorbid condition implying multisystemic problems.

Finally, we concur with HCFA's statement that there is no acceptable method of measuring quality based on mortality reports and that evaluation of quality can not be based solely upon the HCFA mortality data.

Belmont Community Hospital is committed to providing quality healthcare to all of our patients. If I can supply any further information please do not hesitate to contact me. Thank you for your consideration.

Sincerely,



Christopher L. Boyd  
Managing Director

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Blvd.  
Baltimore: Maryland 21207-5187

Dear Dr. Wilensky:

Re: Response to Medicare Mortality Data

Provider: 140242

The following is our response to the Medicare Mortality Data to be released by the Healthcare Financing Administration (HCFA) for the years 1989 and 1990. We appreciate the opportunity to have these explanatory comments published with our mortality data.

Although very supportive of the goal of evaluating the quality of care for hospitalized patients, we remain extremely concerned that the publication of the Medicare Mortality Data will result in potentially misleading comparisons and inaccurate assessments of the relative quality of the care provided for hospitalized patients. We believe that the dissemination of mortality data should only be accomplished if it is accompanied by additional clinical information which describes the overall condition and severity of illness of each patient. This request reflects the widely-accepted truism that the presence of pre-existing chronic disease or other associated acute diseases exerts a significant influence on the patient's expected mortality and morbidity. Without this supplemental clinical data, the mortality data can easily create confusion and concern.

In reviewing the deaths of Medicare-aged patients for 1989 and 1990, we find some inaccuracies which may result in misleading comparisons. For example, in several of the mortalities, death occurred more than 7-9 months after the last hospitalization for causes which may or may not be related to the disease which was treated during the hospitalization. In one case, we are even unable to verify that the patient was ever hospitalized at our facility.

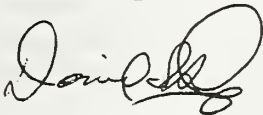
Our evaluation of deaths which were related to surgical procedures revealed that the principal procedure utilized by HCFA was not accurate. This misclassification significantly affects the expected major morbidity or mortality for the patient. For example, in two of the cases, major bowel surgery was required to

treat acute conditions. These patients were listed as Cholecystectomy mortalities when actually their cholecystitis was an incidental finding. Yet no reference or credit is given to the major bowel surgery that was required to treat the chief diagnosis.

Another significant shortcoming of the published data is that it fails to document the existence of co-morbid conditions, such as cancer, chronic obstructive lung disease and acute and chronic renal failure. The existence of these conditions has a significant impact on the expected morbidity or mortality of the patient. The predictive accuracy of expected mortality would be increased significantly if these co-morbid conditions could somehow be incorporated into the admission severity of the patient. In addition, the data seems to make little or no differentiation for Medicare patients with advanced age (patients over age 85 or 90).

In summary, we urge caution to those who would be inclined to reach judgments after reviewing the HCFA mortality data. Because the accurate assessment of the mortality data is so complicated and potentially misleading, we believe that such data should only be released in conjunction with clinical data describing the overall condition of the patient. At the very least, HCFA should provide the other primary and secondary diagnoses for all mortalities noted in its report. Failure to provide this important clinical information could result in more questions being raised than answered.

Sincerely,

A handwritten signature in dark ink, appearing to read "David S. Fox", with a stylized flourish at the end.

David S. Fox  
Senior Vice President

"Where Caring Is A Tradition"



100 E. LeFevre Road  
Sterling, IL 61081-1279  
(815) 625-0400

6 March 1992

140043

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management & Strategy  
Room 3-A-12, Security Office Park Bldg.  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

#### MEDICARE HOSPITAL INFORMATION COMMENTS

After review of the 89-90 data received 03 March 1992, this hospital would make only three (3) comments or observations.

- (1) It would be neat to know how many of our patients died at some other facility within 180 days of being in ours---and whether those institutions also were charged with their deaths.
- (2) It would be neat to know how many of the patients died of the same disease or injury that caused their hospitalization...or of something else, perhaps even unrelated.
- (3) Please correct our Hospital Characteristic Section: we do NOT have any Medicare swing beds and we question whether such information came from the annual AHA survey.

Thank you for this opportunity to comment on this semi-helpful information.

A handwritten signature in dark ink, appearing to read "David Wall".

President & CEO



Franciscan  
Medical  
Center



Medicare Provider # 140280

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

RE: MEDICARE HOSPITAL INFORMATION-1992

Dear Ms. Wilensky,

After reviewing and analyzing the Medicare Hospital Information-1992, Franciscan Medical Center would like to make the following comments:

Franciscan Medical Center's Medicare Mortality rates fell within the bounds calculated for the 99% prediction interval for the eight designated conditions. However, for the All Causes category, at the 95% prediction interval, the observed mortality rate exceeded the predicted rate by .836%, and at the 99% prediction interval, the observed mortality rate exceeded the predicted rate by .278%. These findings are only applicable to 40% of the total hospital patient population.

Franciscan's overall mortality rate is 2.4%. Franciscan has an active hospital-wide quality assurance program that includes active participation by the medical staff. Mortality review is performed on all cases. All cases were reviewed and accepted with no variances identified or opportunities to improve care or the management provided.

Thank you for allowing us the opportunity to respond to this mortality information.

Sincerely,

Eric T. Crowell  
President/CEO

ETC/dlz

Gerald W. Mungerson  
President  
312 296-7081



March 16, 1992

**MEDICARE PROVIDER NUMBER: 140132**

Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
Attention: Robert Moore

Dear Mr. Moore:

After careful review of the 1990 mortality data, I would like to make the following comments.

In all cases for Illinois Masonic Medical Center where the medical center's actual mortality exceeded the HCFA predicted mortality rates, the three facts below are of great significance when interpreting the meaning and value of this information.

1. The sample size was so small that when the rates are calculated into absolute numbers the actual and predicted mortality are the same or within the statistical standard deviation.

For example, in the 0-30 day Angioplasty category, the predicted rate was 4.1%. This predicts that 1.3 of 26 total patients would die. The actual rate was 6.5%; or 2 of 26 total patients. So although the rates may appear to vary, the predicted and actual mortality is essentially the same.

2. In several cases the sample size was too small to even calculate a standard deviation which, per HCFA, precludes a meaningful prediction of mortality.
3. A third factor to consider in all the data presented is that there is no indication of the cause of death or where the patient expired, i.e. the patient may have died from a completely unrelated condition five months later on the Ohio Turnpike.

We know we provide the highest quality of care for patients treated in the hospital and we do provide our patients with recommendations for how to best care for themselves after they are discharged. Unfortunately, however, we are often times not in control of the patient's follow up care after they are discharged.

So although mortality data beyond a patient's stay in the hospital could be an indication of the quality of care received while in the hospital, there are far too many other factors that are completely outside the realm of a hospital's authority that are not factored into the HCFA methodology to make this data very useful to make any conclusions related to the quality of care issues.

IMMC has a peer review process to review all mortality cases. The Medicare mortality data will be included in IMMC's peer review and quality improvement activities.

Thank you for giving us the opportunity to comment before the general release of the data.

Sincerely,



Gerald W. Mungerson  
President



# INGALLS

Ingalls Memorial Hospital  
One Ingalls Drive, Harvey, Illinois 60426  
708-333-2300

## MEDICAL AFFAIRS

March 12, 1992

Gail R. Wilensky, Ph.D., Administrator  
Healthcare Finance Administration  
Medicare Hospital Information  
Bureau of Data, Management, & Strategy  
Room 3-A-12, Social Security Park Building  
6325 Security Boulevard  
Baltimore, Md 21207-5187

Medicare Provider #140191

Attention: Robert Moore

Dear Dr. Wilensky:

Ingalls Memorial Hospital is taking the opportunity to comment on the "FY 1990 Medicare Hospital Mortality Rates". The raw data seems correct, but the time period allowed for response is not adequate for the manual verification of 3,670 charts. Likewise, the improved sophistication of severity assessment, even if still inadequate, is appreciated.

Mortality is not a good measure of quality as it represents a totality of multiple factors. However, as part of our quality assessment and improvement program, all deaths are assessed, as a matter of routine, and currently. Such quality assessments are accurate because of the complete information available to us.

Our concern is the interpretation of this data by the public, who lack the background knowledge to correctly evaluate the complexity of what appears to be a simple measure. Let me make some general comments:

- Some hospitals are penalized, as HCFA adjustments for age, illness severity, source of admission, and admission characteristics are not adequate. (Studies by New York University and UCLA Medical Center researchers).
- The use of 30 day, 90 day, and 180 day mortality rates further increases the multiple factors that affect mortality. The latter two are almost entirely unrelated to the hospital; yet, they are reported in the context of hospital-specific data.
- Non-hospital factors include discharges to skilled nursing facilities, nursing homes, or home. None are controlled by the hospital, but the mortality results are, by implication, attributable to the hospital.

March 12, 1992

Examination of the Illinois Hospital Cost Containment Council Data, as analyzed by SysteMetrics, has indicated our severity data are under-reported; it lacks adequate amplification of cor-morbidities. Your technical supplement of "explanatory variables" suggests that the severity for Ingalls Memorial Hospital may be understated.

Analysis of 1988, 1989, and 1990 HCFA mortality data for "all causes" shows a significant decline each year (30 day level), using the "standardized mortality ratio (SMR)".

Of the eight conditions listed, at the 30 day rate for 1990, using SMR analysis, only "transient cerebral ischemia" was elevated to 1.40; this was a small series, and falls within the standard deviation.

Of the eight procedures identified, at the 30 day rate for 1990, using SMR analysis, four procedures show any SMR increase. "Carotid endartarectomy" was a small group (equaled 10) and the presence of one death skewed the report. This group was too small for statistical significance. "Initial pacemaker insertion" had an SMR value of 2.18; this was a series of only 28 cases and too small for statistical conclusions. "Prostatectomy" had a SMR 1.13, and "cholecystectomy" had a SMR of 1.21; both are within the standard deviation.

The limited value of these figures is demonstrated by pointing out that these only confirm the more sophisticated processes of our quality assessment; our mortality rates are low, and our quality is high. The HCFA figures, moreover, are over one year old; too old for effective quality assessment. If these tables must be published, may I suggest you only include those conditions or procedures which exceed the standard deviation, and use only the 30 day level as more nearly approximating the implied cause-and-effect of this report, which links specific hospitals to mortality data.

Sincerely yours,



Robert L. Harris, President

gmt





**Lutheran General Hospital**

1775 Dempster Street  
Park Ridge, Illinois 60068-1174

Telephone 708/696-2210

March 13, 1992

Medicare Provider #140223

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
Attention: Robert Moore

Dear Ms. Wilensky:

Thank you for the opportunity of commenting on Medicare's hospital mortality information. The data has been reviewed thoroughly and our comments are as follows:

1. The following corrections are made in regard to the hospital characteristics:

|                           |     |
|---------------------------|-----|
| Total beds                | 712 |
| Registered Nurses         | 930 |
| Licensed practical nurses | 24  |

2. The percentage of admissions from skilled nursing facilities for the period was 3.9% rather than 0.1%.
3. Lutheran General Hospital used the data and methodology provided by HCFA to construct confidence intervals and determine if our observed mortality rates differ significantly from the predicted rates. The analysis reveals that LGH's rates for the FY 1990 data are well within the 99%, 95% and 75% confidence intervals and that any deviations between our observed and predicted rates reflect normal, random variation of the data.
4. Lutheran General Hospital welcomes the opportunity of reviewing the annual HCFA mortality data as part of our commitment to continuous improvement in the quality of patient care.

Sincerely,

Kevin Wardell  
President  
Lutheran General Hospital

5696N



HCFA MORTALITY STUDY COMMENTS  
MACNEAL HOSPITAL  
BERWYN, ILLINOIS  
March 18, 1992

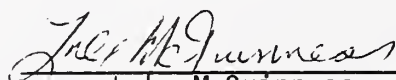
MacNeal Hospital is a 427-bed community teaching hospital with a long tradition of ongoing evaluation of the quality of care. Care is continuously improved by translating evaluation findings into better systems of patient care delivery. MacNeal welcomes the information of the HCFA mortality study as an additional tool to improve the quality of care, service and outcome. Our comments on this HCFA mortality study are very similar to those submitted in past years.

This HCFA mortality report demonstrates, as it has in the past, that MacNeal's mortality rates fall well within one standard deviation of the predicted mortality rate for all causes, as well as for each specific condition and procedure reported. This is true for the 30, 90 and 180-day mortality rates.

In comparison to fiscal years 1988 and 1989, MacNeal's mortality rates have shown steady reductions in relation to expected rates. In two groups, the MacNeal observed rate exceeds the predicted rate. Both groups contain insufficient cases to satisfactorily estimate the standard deviation of the predicted value. In the sepsis group, the observed variance from predicted is approximately one mortality. At 180 days, the observed mortality for this patient group is lower than the predicted rate. One hysterectomy death is reported. This death occurred in a patient with advanced carcinoma, unrelated to the palliative surgical procedure. Because of the insufficient number of cases in these comparisons, the predicted value may be misleading. Therefore, as suggested in our past comments, we believe that information for such groups should be deleted from the HCFA mortality report.

Despite this favorable report, MacNeal maintains the opinion stated in response to previous years' reports that no reasonable basis exists for associating mortality more than 30 days beyond hospitalization with hospital medical or surgical treatment.

We thank the Health Care Financing Administration for the opportunity to have our comments included with the HCFA data release. Anyone with questions regarding these comments or MacNeal's observed or predicted mortality rates should not hesitate to contact me.

  
\_\_\_\_\_  
Luke McGuinness  
President



5409 N. Knoxville Avenue  
Peoria, IL 61614  
Phone 309-691-1000

Norman H. LaConte  
President and Chief Executive Officer

March 16, 1992

Gail R. Wilensky, Ph.D. Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky:

A review of the Hospital Characteristics Section of the Medicare Hospital Information-1992 shows that the information regarding Medicare swing beds has been mistakenly reported. Proctor Hospital's copy of the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals indicates that the Hospital does not have Medicare swing beds.

These comments concerning this error are submitted to the Health Care Financing Administration for inclusion within the Medicare Hospital Information-1992 report.

Thank you.

Sincerely,



Norman H. LaConte  
President and Chief Executive Officer

NHL/cdb

Robert G. Miller

President and  
Chief Executive Officer

350 north wall street  
kankakee, illinois 60901  
(815) 933-1671



Medicare #140186

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187

Attn: Robert Moore

Dear Dr. Wilensky:

We have reviewed the mortality data submitted to the hospital. After utilizing both of your statistical approaches to evaluate our mortality data (standardized mortality ratio and measures of uncertainty, i.e. standard deviation), we concluded that the data do not present a quality issue. Variations in the mortality rate are reflective of very small sample sizes and chance resulting from statistical artifacts.

For example, the standardized mortality ratio and thresholds for measures of uncertainty that we determined for all categories of conditions and procedures indicated that they were below the percentiles and upper limit values that you have indicated should be cause for concern.

Further review of the specific comorbidities with respect to mortality data at 30, 90, and 180 days post-admission indicates that the differences between the observed and predicted mortality are explained by significantly higher proportions (two to ten times greater than the average values cited as national norms) of cancer, diabetes mellitus, and chronic cardiovascular, liver, renal, pulmonary, and cerebrovascular diseases. These are factors that appear to select a population of patients most likely to incur mortality.

Continued . . .

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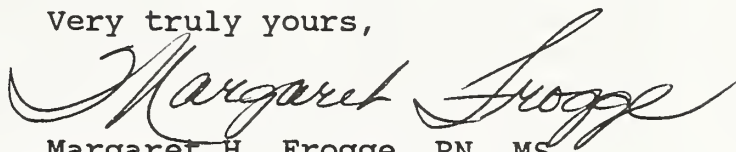


Gail R. Wilensky, Ph.D., Administrator  
March 19, 1992  
Page Two

Medicare 140186

In conclusion we appreciate the opportunity to review and analyze the mortality data for our facility. We intend to use these findings for educational purposes with our Medical Staff.

Very truly yours,

A handwritten signature in cursive script, reading "Margaret Frogge". The signature is written in dark ink and is positioned above the printed name and title.

Margaret H. Frogge, RN, MS  
Executive Vice President  
Administration

blp

RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER 1653 WEST CONGRESS PARKWAY, CHICAGO, ILLINOIS 60612-3864  
RUSH UNIVERSITY

LEO M. HENIKOFF, M.D.  
PRESIDENT  
CHIEF EXECUTIVE OFFICER

March 17, 1992

Gail R. Wilensky, Ph.D. Administrator  
Health Care Financing Administration  
Medicare Hospital Administration  
Bureau of Data Management and Strategy  
Room 3-A-12 Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187  
Attention: Robert Moore

Medicare Provider #140119

As in the past, the percentage of deaths at Rush-Presbyterian-St. Luke's Medical Center falls at the lower end of the "expected" range of mortality. We have scrutinized the 1990 data in comparison with those published for 1988 and 1989, and have discovered no trends which indicate a significant change in our clinical performance. Recent comparative data obtained from other sources also demonstrates that our mortality rates are very low in comparison to peer institutions.

Rush continues its commitment to delivering high quality patient care. Peer review of the care provided for patients who expired is one facet of our broad quality monitoring function. This peer review has identified no pattern of care which is less than excellent. The results of our peer review are referred to appropriate clinical departments for their study. The outcome of this ongoing departmental review is shared with our Medical Care Evaluation Committee and brought to the attention of Medical Center management.

We are gratified that these statistics demonstrate a consistent clinical product but continue to be concerned that the lay public will not be able to make informed judgements about the quality of medical care from this publication. However, to better assess trends, we would suggest that a standard approach to time series data be used by HCFA in a graphic display allowing hospitals to compare data over the years. In this format, the x axis would show the three fiscal years reported and the graph would constitute a line graph for each mortality observation point. (e.g., a line connecting the 30 day points.)

Medicare Provider #140119

Also please note the attached addendum, listing several corrections and additions to your AHA 1990 Survey Data (hospital characteristics).

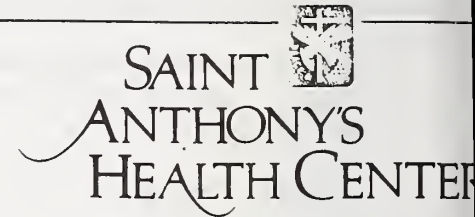
Yours truly,

*Leon T. Lantry MD*

LMH/ts

SAINT ANTHONY'S HOSPITAL

SAINT CLARE'S HOSPITAL



Saint Anthony's Way, P.O. Box 340, Alton, IL 62002-0340  
618/465-4501

Medicare Provider Number: 14-0052

COMMENTS ON THE HCFA MORTALITY DATA

We regularly review our Medicare cases and compare our outcome performance with regional experience. These comparisons have shown us that continuity of care in our post-acute facility (skilled nursing) has been a hallmark of our services. We have found no adverse differences between our performance and that of similar hospitals in our region.

Although, the mortality rates at Saint Anthony's Health Center for 1990, 1989, and 1988 compares favorably with other healthcare institutions, we would like to express the following concerns regarding the HCFA Mortality Report:

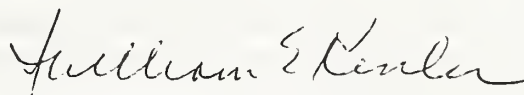
1. Hospitals who treat only a few patients in a diagnostic category could have their mortality rates misinterpreted. The smaller number of cases, the more likely this will occur. In 1990, Saint Anthony's had fewer than 50 cases in 12 out of the 17 diagnostic categories. In 1989 and 1988, 13 out of the 17 diagnostic categories had fewer than 50 cases. As HCFA indicates the precision and interpretability of their estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed.
2. HCFA data uses the principal diagnosis information to classify patients, which is not necessarily the cause of death. A patient could come into the hospital with a hip fracture, but could actually die due to a myocardial infarction that occurred later in the stay. The patient would be classified in the hip fracture and the hip replacement category, which would be an incorrect classification.
3. The release of the hospital characteristics data in tandem with the mortality data may lead the public to assume they are related to the hospital's clinical quality because they are paired with the mortality data.
4. Care to a patient could be rendered at multiple facilities during the year, however if a death occurs it will be charged against a facility based strictly on a random selection of an admission. No consideration is given to quality of treatment or length of stay at either hospital. A patient treated for a hip fracture at one facility could in fact die months later at another hospital with congestive heart failure. Because of the random selection process the death may be counted against either facility. In addition, the variation from HCFA's expected rate, especially at dates further distanced from the admission, can be due to many factors completely unrelated to hospital care.

*To serve God is to serve His people.*



5. It should be emphasized that the HCFA data deal only with Medicare patients who are older than the general population. Saint Anthony's does operate programs that attract the elderly or terminally ill, i.e. hospice, home health, and extended care. The mortality rates presented do not address Saint Anthony's overall "success" rate with a specific diagnosis.

Until HCFA has developed additional statistical measures to deal with complex issues such as severity of illness, the data should not be used to judge the quality of care provided by different hospitals. Saint Anthony's Health Center currently has its own internal quality indicators in place that measure outcome of care. We firmly believe that our quality assurance plans provide a better measure of our hospitals' performance. These comments are consistent with prior year comments in this regard.



William E. Kessler  
President

/tag

 Saint

Anthony

Medical

Center

5666 East State Street / Rockford, IL 61108-2472 / 815/226-2000

March 19, 1992

GAIL R WILENSKY PHD ADMINISTRATOR  
ATTN ROBERT MOORE  
HEALTH CARE FINANCING ADMINISTRATION  
MEDICARE HOSPITAL INFORMATION  
BUREAU OF DATA MANAGEMENT AND STRATEGY  
ROOM 3-A-12 SECURITY OFFICE PARK BLDG  
6325 SECURITY BLVD  
BALTIMORE MD 21207-5187

Medicare Provider No. 140233

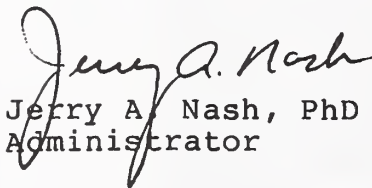
Dear Dr. Wilensky:

The administration and staff of Saint Anthony Medical Center (SAMC) appreciate the opportunity to review and comment on the Health Care Financing Administration (HCFA) selected mortality information regarding Medicare patients cared for in acute care hospitals between October 1, 1989, and September 30, 1990. We are pleased to note that of total Medicare discharges from SAMC during this period, the observed mortality rate within 30, 90, and 180 days of discharge was within the predicted mortality rate.

This information will serve as an adjunct to the statistics already being reviewed by our hospital in our quality assurance department. Our performance, as reflected in this report, reflects SAMC's continuing commitment to ongoing quality assurance and the delivery of the highest quality care to all of our patients, consistent with the mission of The Sisters of the Third Order of St. Francis.

Thank you for the opportunity to review the 1990 mortality information.

Sincerely,



Jerry A. Nash, PhD  
Administrator



Medicare Provider Number: 140032

COMMENTS ON 1989/90 HCFA MORTALITY DATA

A review of the HCFA data for St. Anthony's Memorial Hospital indicates the overall mortality rate has remained consistent the past 4 years. Of the 2538 Medicare discharges from our hospital between October 1989 through September 1990, 1515 were included in the HCFA study, since each patient was counted once regardless of the number of admissions. However, all Medicare deaths were included. Comparing the number of deaths to the total number of discharges results in a lower mortality rate.

Many of the observed mortality rates cannot be compared to the predicted mortality rates as the number of cases or deaths are too small to permit satisfactory estimation of the standard deviation. St. Anthony's Memorial Hospital's observed mortality rates in all categories lie within the calculated 95 to 99% prediction interval.

Effingham and the surrounding counties are known to have a high incidence of heart disease, as well as growing numbers of elderly persons. The observed mortality rate in this category may be misleading, as a significant number of our cardiac patients admitted are diagnosed, stabilized, and transferred to a large facility for more aggressive invasive treatment.

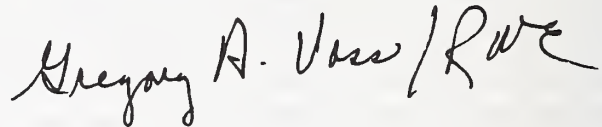
Our hospital has exceptional non-invasive diagnostic cardiology services given its small size of 146 beds. We utilize cardiologists from area tertiary care facilities to staff twice weekly clinics for patients in our service area. They also provide inpatient consultation upon request. We are an American Heart Association certified First Hour Heart Care provider, so we see acute heart disease from a wide area. St. Anthony's Memorial Hospital's Intensive Care Unit is equipped and staffed to care for coronary and other critically ill or injured patients. We have physicians and surgeons on staff with the qualifications and experience to treat acute heart disease, as well as perform vascular surgery. The most current treatment modalities, such as thrombolytic therapy for acute myocardial infarctions, are used by our staff.



Although we respect the consumer's need to have information on the quality of health care in order to assist in decision making, the service area should be made aware that the data only shows whether a hospital is different from average. It is not a true picture of the quality of care delivered. Fluctuations in data from year-to-year may be misleading due to the small number of cases in some categories. Patients should talk with their physicians about their choice of hospitals.

St. Anthony's Memorial Hospital, including its Board and Medical Staff, has a strong commitment to quality and has an effective hospital-wide quality management program in place, which encompasses the review of all deaths.

St. Anthony's Memorial Hospital appreciates the consumer and hospital need for comparative quality of care and mortality data. This data can be used in addition to our ongoing, comprehensive quality assurance process, but it is our quality assurance assessment (not data alone) that guides our hospital and physicians in identifying ways to improve patient care.

A handwritten signature in black ink, reading "Gregory A. Voss / RWE". The signature is fluid and cursive, with the initials "RWE" written in a larger, more stylized font at the end.

Gregory A. Voss

Executive Vice President



**SAINT  
ELIZABETH  
MEDICAL  
CENTER**

2100 Madison Ave.  
Granite City, Ill. 62040

(618)798-3000  
FAX #(618)798-3072

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Attn: Mr. Robert Moore  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Dear Mr. Moore,

We have reviewed the mortality rate information planned for publication in June, 1992. Our statistical data show us to be within the normal range for all categories. However, we have elected to comment because we believe this information is a poor indicator for judging quality of care. Additionally, we feel that HCFA has made fundamental methodological errors in the model used for their data release.

1. The use of a thirty (30), ninety (90), and one hundred eighty (180), day post hospitalization mortality rate causes inaccurate and inflated percentages by attributing deaths to the hospital that are unrelated to the conditions for which the patients were admitted and treated.
2. Statistics grouped by principal diagnosis, which is the diagnosis that caused admission and not necessarily death, can be misleading. For example, a patient admitted to the hospital for pneumonia but actually dies from cancer is counted as a pneumonia death, similarly, a patient admitted to the hospital for pneumonia who dies in an auto accident within thirty days of discharge is also counted as a pneumonia death.
3. The table does provide percents for admission source categories but does not explain acuity levels. Those admitted through the Emergency Department are generally high-risk candidates compared to other patients. Additionally, patients admitted from nursing homes tend to be more critically ill than those admitted from their own homes.



Health Care Financing Administration

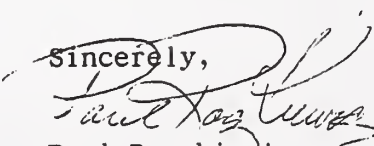
March 19, 1992

Page 2

4. The data may also be misleading if there are only a small number of cases in a particular group. The smaller the number, the more likely the number is subject to misinterpretation. In most of the groups published, there are not enough cases to yield a reliable test of significance. Therefore, the predicted estimate should not be considered interpretable. There would be no way to determine if there is a real difference between our observed rate and what is expected for our hospital. Moreover, while the published information applies only to Medicare patients, the public may think the data apply to all patients.
5. Taken alone, the data do not allow for interpretation concerning why patients died or whether deaths could have been avoided. Only examination of the medical records could identify particular circumstances.
6. Since the statistics include only Medicare patients, who are naturally older than the general population, a hospital's "success" rate overall and with specific diagnoses can be grossly misinterpreted by the public.
7. The usefulness of the mortality rates in general is questioned since there tends to be a great variance in a hospital's Medicare mortality rate versus the non-Medicare rate versus the overall rate.
8. The Medical Staff has an active Quality Assurance program in place. In addition to a broad, on-going spectrum of cases for review, all deaths are reviewed on a monthly basis to determine if the death was unavoidable and for appropriateness and quality of the care provided. The entire program assists in identifying ways to improve patient care.
9. This data appears to be based on a random selection of cases which does not accurately account for all cases admitted to the institution. It would be helpful if future data could be based on all cases in a category to assure accuracy of the data.

Certainly before disseminating this report, the data should be collected for a number of years. Only if the observations remain somewhat constant for each hospital from year to year can it be considered reliable even though questions of validity would still remain.

Sincerely,

  
Paul Raczkiewicz  
Chief Operating Officer



March 19, 1992

Gail R. Wilensky, Ph. D.  
Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management & Strategy  
Room 3-a-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187

Hosp. ID 140118

Attn: Mr. Robert Moore

Dear Mr. Moore:

Thank you for the opportunity to respond to the FY 1990 Medicare Hospital Mortality Rate report. St. Francis Hospital & Health Center, Blue Island, is among a number of primary and tertiary care hospitals nationwide, whose mortality rates exceed HCFA's predicted rates in some areas due to acuity of treatment levels, patient care mix and a number of special factors affecting mortality. Despite improvements made to HCFA's statistical model, data are limited and, for this reason, not a reliable indicator of St. Francis' overall quality of care.

Changes in the methodology used to generate and present HCFA mortality comparisons include calculating an actual mortality rate, expected mortality rate and a standard deviation rather than calculating a risk-adjusted rate based on refined DRGs to draw quality correlations.

Many health care statisticians continue to dispute methodologies, yet most agree that a one-year presentation of non-risk adjusted mortality data is a guide, but not a measure or index of quality of care. For instance, older patients are more likely to be admitted with a "Do Not Resuscitate" (DNR) order and these patients are not excluded from the data. Likewise, those patients with specific advance directives limiting intervention are not excluded from the data.

St. Francis Hospital & Health Center does have a significant Medicare patient population. In fact, in FY 1990, Medicare patients accounted for approximately 40 percent of our patient care base. Our patient demographics cover an extended range of varied socio-economic groupings. And because of the nature of our care, St. Francis frequently sees a higher risk group of patients than many health providers. Severity of illness, patients transferring from nursing homes, local demographics and lifestyles all play an important role in determining an accurate picture of our patient base.

While widely recognized as a large community hospital, St. Francis does operate the 11th busiest Emergency department in the state and has served for over 20 years as a regional referral center for cardiac patients. Many of St. Francis' cardiac patients are admitted for highly technical procedures and cardiac services not available at other hospitals. These procedures may include repeat coronary artery bypass grafts, angioplasty and additional open heart procedures.





As a regional site for specialized care, many of our patients travel quite a distance seeking St. Francis' specialized cardiac care and other services. Frequently, following hospitalization, they return to their own health providers outside of our service area for follow-up care. In effect, St. Francis relinquishes control of patient care in these instances to other health providers who dictate and monitor continuing patient needs. This continuing care may have a profound effect on 90 and 180-day outcomes.

It is becoming more widely recognized that mortality rate information by itself may not be used to judge the quality of hospital care. As a Catholic not-for-profit health care institution and a part of the SSM Health Care System, St. Francis Hospital & Health Center has a long-standing history of providing compassionate, high quality care to all who walk through our doors.

Through an ongoing quality management program and an integrated approach to continuous quality improvement (CQI), St. Francis strives to define and address opportunities for clinical improvement and the enhancement of quality of care.

St. Francis Hospital & Health Center is blessed with teams of highly skilled and dedicated employees and physicians who represent almost all medical specialties and first-class institutions. As the social problems of our metropolitan area escalate, the talents and expertise of these individuals are called upon to perform highly complex "miracles" of high tech medicine. We stand ready to meet this challenge of technology and will continue offer our patients the finest in compassionate, quality care and "caring."

Sincerely,

ST. FRANCIS HOSPITAL  
& HEALTH CENTER

A handwritten signature in dark ink, appearing to read "Michael E. Garrigan". The signature is fluid and cursive, with a large initial "M" and "G".

Michael E. Garrigan, F.A.C.H.E.  
President



**St. Francis Hospital  
of Evanston**

355 Ridge Avenue  
Evanston, Illinois 60202  
708 492-4000  
Medicare Provider  
#140080

# St Francis

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Finance Administration  
Medical Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky:

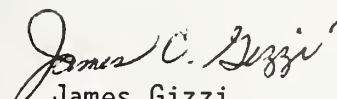
The 1990 data presented by HCFA indicates that of 3960 patients admitted to St. Francis, 17.7%, or approximately 701 patients, died within 180 days of admission.

Our records indicate that 6,583 Medicare patients were admitted to St. Francis with 539 deaths. Presumably the discrepancy in admissions reflects the multiple admissions of individual beneficiaries to our hospital or other hospitals. Information to verify the discrepancy in deaths is unavailable to us. There is a concern that the 30, 90, and 180 days post-admission mortality rates include deaths that are unrelated to the condition of patients at the time of discharge and therefore should be excluded from the data.

Mortality data alone does not measure quality of care and provides no real basis for comparisons. The data were derived from a group of patient characteristics that vary from hospital to hospital and the predicted ranges for mortality rates do not include factors such as acuity and lifestyle. Although St. Francis falls within two standard deviations of the predicted mortality for 1990, no conclusions can be drawn from the data without further examination of each case to determine the circumstances of death.

In closing, I would like to emphasize that St. Francis Hospital is dedicated to providing quality care and this commitment is operationalized through an ongoing, comprehensive Quality Improvement program.

Sincerely,

  
James Gizzi  
President, CEO

Certified Mail  
Return Receipt Requested



800 E. Carpenter Street  
Springfield, Illinois 62769  
217/544-6464

---

Medicare Provider: #140053

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Blvd.  
Baltimore, Maryland 21207-5187

Dear Ms. Wilensky:

**RE: PUBLIC DISCLOSURE OF FY 1990 MEDICARE MORTALITY RATES  
COMMENTS FOR PUBLICATION**

Regarding hospital characteristics, our hospital does **not** have Medicare Swing Beds. Also note that while it is true that our hospital does not have an exclusively designated cardiac intensive care unit, the vast majority of the patients cared for in our 36 bed Medical/Intensive Care Unit are cardiac patients.

Thank you for the opportunity to comment on the Medicare Hospital Information Report.

Sincerely,

Al Laabs  
Executive Vice President

cc: John Holland, MD  
Hospital Medical Director

Caryn Kamin  
Division Director, Quality Improvement



An Affiliate of Hospital Sisters Health System



## Saint Joseph Hospital

A Division of Franciscan Sisters  
Health Care Corporation

March 19, 1992

Gail R. Wilensky, Ph.D.  
Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Attention: Robert Moore

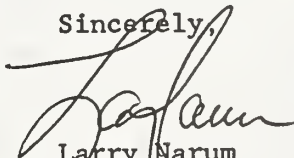
Re: Medicare Provider #140217

Dear Mr. Moore:

The annual release of medical hospital mortality data from HCFA demonstrated Saint Joseph Hospital's mortality rate to be 10.4% for all cases. This is 1.3% over the predicted rate. In addition, the conditions of pneumonia/influenza had a mortality rate of 12.7% with a predicted rate of 16.4%. The condition of congestive heart failure had a mortality rate of 20.3% with a predicted rate of 16.3%. These rates were for a time period of 30 days post-hospitalization. According to the HCFA overview of mortality information, when the hospital mortality data falls within two standard deviation units from the predicted rate, the statistical significance of the data is extremely low. The data for this hospital as displayed does fall within two standard deviation units. Therefore, no meaningful conclusions can be inferred concerning the data and the quality of care in this institution.

It is unfortunate that we did not have the time to provide a thorough review of the HCFA data, including testing data for accuracy against the hospital data base. The hospital actually did not receive the HCFA mortality data by mail as indicated; instead we had to request fax transmission of the information two days ago. We plan to fully analyze the data that has been provided and employ the information in our quality assurance process.

Sincerely,



Larry Narum  
President

/no'c



# ST. MARY HOSPITAL

1415 Vermont Street  
Quincy, IL 62301-3181  
217-223-1200

Medicare Provider Number: 140159

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6235 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

Dear Ms. Wilensky,

We again appreciate the opportunity to express our concerns for the upcoming release of mortality statistics by HCFA to the public.

As in previous years, the presentation of the statistics, as a measurement of quality of care, could be misleading. The fact that this data includes the expanded post discharge period allows for the possibility that the death was unrelated to the diagnoses, such as car accidents or unrelated illnesses. Since the hospital has no way of examining deaths that occur outside our institution, there is no way of knowing how such examples affect the data that has been presented.

A better measure of quality would be to look at each death, determine if death was inevitable and determine if management was appropriate. This is done by the hospital's peer review and quality assurance processes.

A review of statistics presented shows St. Mary well within the statistically significant two-standard deviations of the predictable rate in all causes. There were only two categories of conditions that had enough cases to calculate standard deviations and in each of these categories we were well under the predicted mortality rate.

We would like to take this opportunity to comment on three other categories which did not have enough cases cited to draw statistical conclusions. In the COPD category patients listed in the mortality rate within 30 days had a average age of 75.5 years compared to average age of 73.8 years for all Medicare patients. These patients also had an average of 1 co-morbidity and 1.6 other diagnoses, showing that they had medical problems other than just the COPD. A study of those patients listed in the mortality rate within 90 days for COPD had 1.3 other co-morbidities and 2 other diagnoses.



Medicare Provider Number: 140159

In the sepsis category those patients listed in the mortality rate within 30 to 90 days had an average age of 80.6 years compared to the average age of all Medicare patients of 73.8 years. These patients had an average of 2.7 co-morbidities and 1.5 diagnoses other than sepsis. Again, this shows that these patients had medical problems other than just sepsis. Those patients listed in the mortality rate within 6 months had an average of 2.9 co-morbidities and 1.6 other diagnoses.

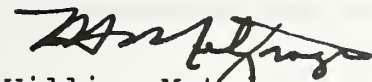
The final category we wish to comment on was the procedure of pacemaker insertion. While 3 cases in 1990 are not enough to draw any statistical conclusions, the one case that showed up in this report had 5 other co-morbidities and 2 other diagnoses.

St. Mary is committed to quality care for all our patients and we continue to support numerous peer review processes ongoing throughout the hospital and medical staff.

Thank you for the opportunity to comment.

Sincerely,

ST. MARY HOSPITAL



William Metzinger  
President/Chief Executive Officer



Medicare Provider #140033

## Saint Therese Medical Center

A Division of Franciscan Sisters  
Health Care Corporation

March 18, 1992

Ms. Gail R. Wilensky, Ph.D, Administrator  
Health Care Financing Administration  
Bureau of Data Management & Strategy  
Room 3-A-12, Security Office Park Bldg.  
6325 Security Blvd.  
Baltimore, Maryland 21207-5187

Attention: Mr. Robert Moore

Dear Ms. Wilensky:

Thank you for the opportunity to once again, review and comment on HCFA's Medicare mortality statistics for fiscal years 1988, 1989 and 1990. As is standard practice at Saint Therese Medical Center, this information is reviewed by various medical staff committees, as well as by our administrative staff.

### ANALYSIS OF 1990 MORTALITY INFORMATION

Using HCFA's "Rule of Thumb" analysis for analyses of the variabilities of mortality rates, Saint Therese Medical Center was pleased to learn that for all of fiscal year 1990, in clinical and/or diagnostic categories of greater than fifty (50) cases, there was less than one (1) chance in four (4) that the difference between our observed mortality rate and the predicted mortality rate was no more than 1.2 times the standard deviation of the designated clinical category.

For Saint Therese Medical Center, this information is particularly significant in that it appears to correspond favorably with the development and implementation of congestive heart failure and pneumonia treatment protocols which were established in late 1989 and early 1990.

### REFINEMENT OF MORTALITY DATA

Over the past five years, HCFA has shown a substantial commitment to refining and improving upon the calculation of mortality data.

The inclusion of explanatory factors used to predict mortality rates and patient origin and length of stay of Medicare admissions, are evidence of your continued effort to adequately inform the public of hospital clinical and demographic characteristics.

2615 Washington Street  
Waukegan, Illinois 60085  
Telephone 708-249-3900

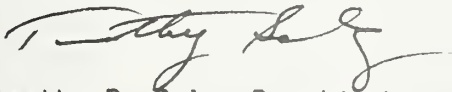
March 18, 1992

Page 2

Saint Therese Medical Center remains committed to the belief that mortality rates alone are not indicative of the care and treatment rendered by any facility, but rather, the commitment must be made internally to utilize the data to further improve upon the care and service provided to all our customers.

The opportunity to conduct a review and analysis of this data is appreciated. We look forward to working as your partner through a continuing commitment to improving health care quality and delivery in America.

Sincerely,

A handwritten signature in dark ink, appearing to read "Timothy Selz", with a stylized flourish at the end.

Timothy P. Selz, President  
Saint Therese Medical Center

TPS:KBS:d11



501 Tenth Avenue • Moline, IL 61265  
309-757-3131

**MEDICARE PROVIDER NUMBER:  
140123**

**March 18, 1992**

**Gail R. Wilensky, Ph.D, Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore**

**Dear Dr. Wilensky:**

**Thank you for affording me the opportunity of reviewing and responding to the Health Care Financing Administration's (HCFA) fiscal year 1990 medicare hospital mortality report on United Medical Center of Moline, Illinois.**

**As your organization and as other health care providers have noted on numerous occasions in the past, the medicare mortality data disseminated to the public by HCFA is only *one* variable among many that must be considered when assessing health care outcomes and the over-all quality of care that a health care institution provides to its patients. No where is this observation better validated than at United Medical Center.**

**Upon initial perusal of United Medical Center's medicare mortality rates the reviewer might INCORRECTLY conclude that the quality of care at our facility is lower than that of other institutions because our medicare mortality rate is higher than expected. However, were the reviewer to note that United Medical Center operates a regional oncology unit as well as a hospice unit for the terminally ill the higher than expected mortality rate is easily understood. Further, United**



MEDICARE PROVIDER NUMBER:  
140123

Medical Center's higher than expected mortality rate would also be better understood were the reviewer aware of the fact that United Medical Center is the only hospital in the Illinois Quad Cities to operate a cardiovascular unit, neonatal intensive care unit and regional trauma center. These are services that by their very nature care for a critically ill population where the "probability of mortality" is greater than that of a less severely ill patient population served by healthcare institutions that do not provide services comparable to those at United Medical Center. (It should be noted that HCFA did not include United Medical Center's Cardiovascular Unit and Neonatal Intensive Care Unit in the hospital profile section of its medicare mortality report).

"Severity of Illness" and the scope of a hospital's services certainly support the need for the reviewer to examine HCFA's medicare mortality data in *context*. A "hunt and peck" analysis yields "hunt and peck" results and I am sure that you will agree such results do not serve the interests of the public.

Again, thank you for allowing me to comment on this report.

Sincerely,



Barry Halm  
CEO, President

Hospital Management (M/C 693)  
University of Illinois Hospital and Clinics  
1740 West Taylor Street, Suite 1400  
Chicago, Illinois 60612  
(312) 996-3900 Fax: (312) 996-7049

140150

March 18, 1992

Gail R. Wilensky, Ph.D.  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky,

University of Illinois Hospital has conducted a thorough review of the data released by HCFA on fiscal year 1990 Medicare mortality rates and has the following comments and observations:

- . University of Illinois Hospital's overall mortality rate for all causes combined is well within the expected rates predicted by HCFA.
- . Mortality rates are also broken down by select conditions and procedures; however, the sample size in each of these categories is so small that statistically any rates calculated on the basis of these numbers can not be considered accurate. As noted by HCFA in the report, "the precision and interpretability of our estimates (mortality rates) are questionable when the standard deviation could not be calculated (generally in categories with 50 or fewer cases)." For University of Illinois Hospital, the number of Medicare cases in each category is minimal and only one category has a sufficient sample of 50 or more cases. This category, Congestive Heart Failure has a sample of 55 patients and our hospital's mortality rate is well below the predicted rate (5.5 actual versus 10.8 predicted).
- . Out of 17 categories of conditions or procedures selected by HCFA, our facilities mortality rates were within range for 13 of those and higher than predicted for 4 of those. The later four categories were analyzed in detail and factors contributing to the variations in mortality rates were determined to be as follows:

A. CORONARY ARTERY BYPASS GRAFT

- Out of a small sample of 14 patients, there were six deaths within a 30-day period. Using a well recognized risk stratification system developed by Newark Beth Israel Hospital, each case was assigned a Parsonnet Score [Published in "Circulation", Vol. 79, Supplement 1] which measures whether patients are at increased operative risk due to established risk factors. Our findings demonstrated that in the 6 deaths reviewed 0% of those patients were in a "good" or "fair" risk category which would entail an expected mortality rate of 1-5%. Rather, two of the patients were "poor" to "high" risk with an expected mortality rate of 9-17%, and four of the patients were at "extremely high" risk with an expected mortality rate of 31%. Therefore, our conclusions are that the pattern of operative mortality on our patient population is similar to what is seen nationally when a patient's preoperative risk is assessed using the Parsonnet System of operative risk stratification, and that which one would expect on our extremely high risk patient population. University of Illinois Hospital treats complicated patients who have numerous underlying medical conditions which adversely impact the success of any treatment they receive. The Parsonnet Classification System supports this conclusion in the cases identified in this report.
- Also important to note is that the volume of cardiothoracic surgery during this interval was low and had decreased as a result of relocation of our CT team. Although surgery continued to be done in the interim by a surgeon from an institution with a reputable CT program, volume was intentionally low until we could recruit a permanent team and this in fact is now in place.

B. MYOCARDIAL INFARCTIONS

- Out of a small sample of 12 patients, there were five deaths - four within 30 days and one greater than 30 days after discharge from the hospital.
- All five were patients with endstage or terminal conditions who were poor candidates for recovery from a myocardial infarction, including a patient with cancer of the lung and brain who was being considered for hospice care.

## C. HIP REPLACEMENT/RECONSTRUCTION

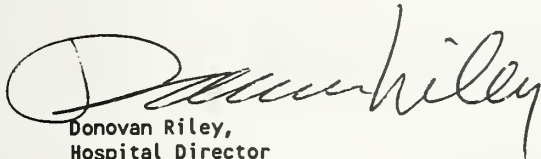
- Out of a small sample of 7 patients, there were two deaths - one during hospitalization and one seven months after discharge from the hospital.
- The one death was a result of Sepsis, and upon review was determined to be a high risk patient who had a previous arthroplasty and was on chronic steroids for treatment of Lupus. Chronic steroids increase the susceptibility for sepsis, and other factors influenced this patient's inability to fight the infection despite aggressive treatment.
- The second death occurred seven months after surgery, and although the death occurred elsewhere, it is reasonable to assume the death was unrelated to her surgical procedure since a 6-month follow-up visit in the clinic showed the patient to be doing well upon clinical exam and with a normal x-ray of the trochanter.

## D. SEPSIS

- Out of a small sample of 11 patients, there were four deaths - three during hospital admission, and one which occurred 3 months after discharge.
- In general, University of Illinois Hospital has a large chronic dialysis and transplant program which increases an institution's incidence of Sepsis since sepsis is the 2nd or 3rd most common cause of death in renal disease.
- Of those cases reviewed, each were at increased risk of sepsis due to the following factors - 2 patients had endstage renal disease, 1 patient was endstage AIDS, and 1 patient was elderly with hypersomolar diabetic coma. This elderly patient also refused incision and drainage treatment for her septic condition.

This concludes our analysis of the 1990 HCFA Medicare Mortality Rates.

Sincerely,



Donovan Riley,  
Hospital Director

DR:mat

Jerry Bolandis  
PRESIDENT

WOOD RIVER  
TOWNSHIP  
HOSPITAL



MEDICARE # 140070

March 18, 1992

Gail R. Wilensky, Ph. D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

Dear Mr. Moore:

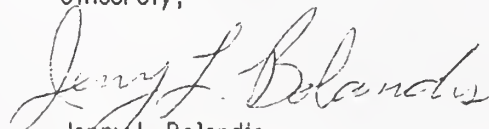
Having received the annual release of Medicare hospital information of February 28, 1992, we feel we must bring several issues to your attention:

1. Medicare patients comprise 33% of our discharges. These patients have a combination of disease processes.
2. Due to the severity of illness and intensity of service criteria for the Illinois PRO, these patients have a high severity of illness on admission and we are performing a high intensity of care.
3. As a trauma center we receive many accident and severely ill cases.
4. We have an active Quality Assurance and Utilization Review plan that involves pre-admission, concurrent and retrospective review.
5. In addition, the hospital does have an active Hospice program.

In summary, we feel it is imperative that the publication of this mortality study has sufficient explanation of the age of the participants and their severity of primary diagnosis and comorbidities, since it would differ from the non-medicare population.

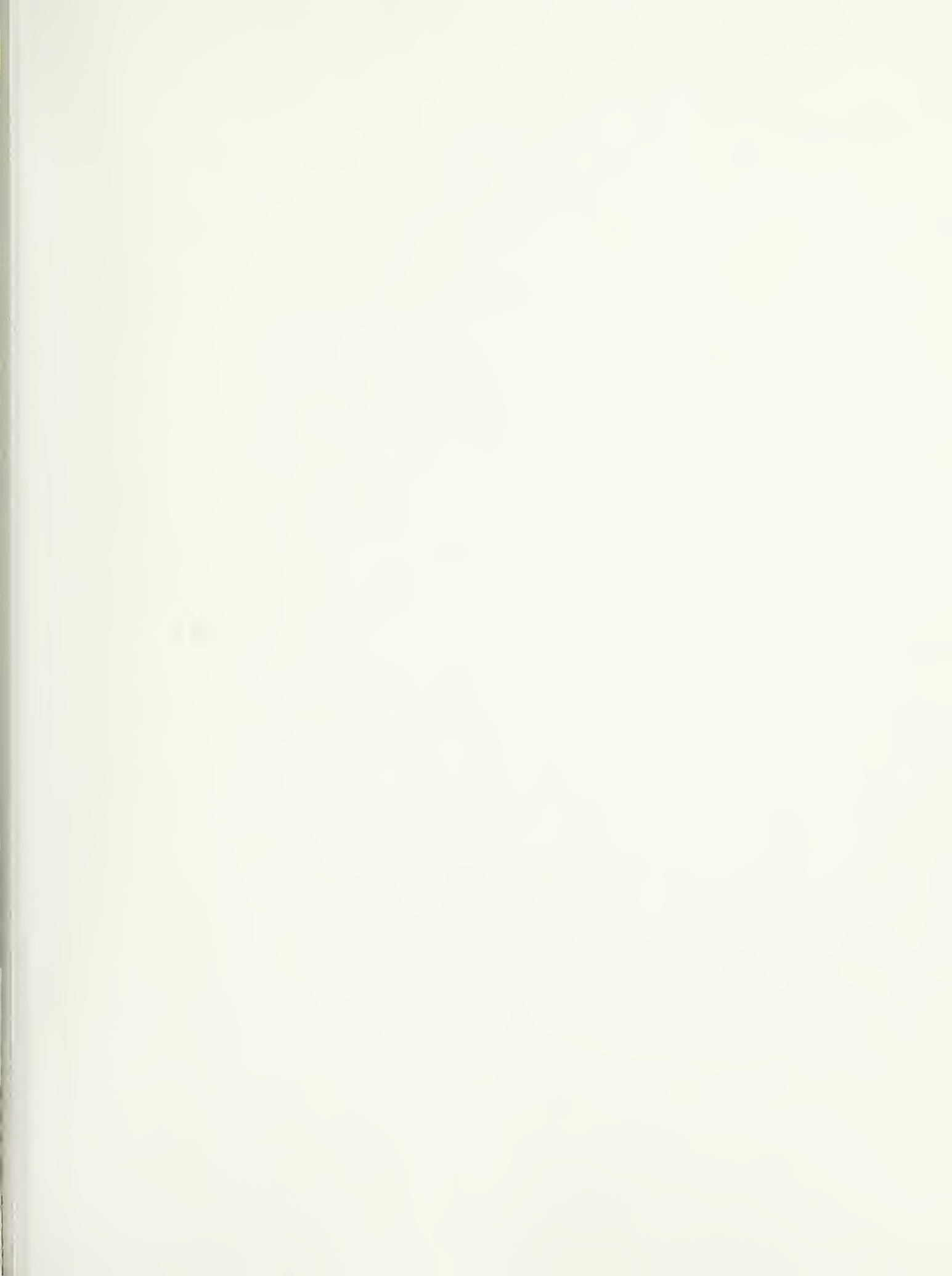
Thank you for the opportunity to respond to the issues contained in the publication.

Sincerely,

  
Jerry L. Bolandis  
President

JLB/dkc





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